

# Annotated check list of the Noctuoidea (Insecta, Lepidoptera) of North America north of Mexico

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## Abstract

An annotated check list of the North American species of Noctuoidea (Lepidoptera) is presented, consisting of 3693 species. One-hundred and sixty-six taxonomic changes are proposed, consisting of 13 species-group taxa accorded species status (**stat. n.** and **stat. rev.**), 2 revalidated genus-group taxa (**stat. rev.**), and 2 family-group taxa raised to subfamily. Sixty-nine species-group taxa are downgraded to junior synonyms or subspecies (**stat. n.**, **syn. rev.**, and **syn. n.**), and 6 genera relegated to synonymy. Sixty-seven new or revised generic combinations are proposed. No new taxa are described. Six non-native species now believed to be established in North America are documented for the first time, namely *Simplicia cornicalis* (Fabricius, 1794), *Nola cucullatella* (Linnaeus, 1758), *Tyta luctuosa* ([Denis & Schiffermüller], 1775), *Oligia latruncula* ([Denis & Schiffermüller], 1775), *Nipponyx segregata* (Butler, 1878) and *Hecatera dysodea* ([Denis & Schiffermüller], 1775). The check list is arranged according to species membership in higher-level taxa (family, subfamily, tribe, subtribe), based on the most recent working hypotheses of a comprehensive phylogenetic framework for the Noctuoidea.

## Keywords

Canada, United States, Notodontidae, Doidae, Erebidae, Euteliidae, Noctuidae, Nolidae, distribution, faunistics, non-native species, introduced species, alien species

## Table of Contents

<b>Introduction</b> .....	6
<b>Checklist</b> (A “‡” indicates recently described taxa for which literature citations are given in the references section Superscript numbers refer to a note in the Notes section.) .....	10
Superfamily <b>Noctuoidea</b> Latreille, 1809 <sup>1</sup> .....	10
Family <b>Doidae</b> Donahue & Brown, 1987 ‡ <sup>2</sup> .....	10
Family <b>Notodontidae</b> Stephens, 1829 <sup>3</sup> .....	10
Subfamily <b>Pygaerinae</b> Duponchel, [1845] .....	10
Subfamily <b>Notodontinae</b> Stephens, 1829 .....	10
Tribe <b>Notodontini</b> Stephens, 1829 .....	10
Tribe <b>Dicranurini</b> Duponchel, [1845] .....	10
Subfamily <b>Phalerinae</b> Butler, 1886 .....	11
Subfamily <b>Dudusinae</b> Matsumura, 1925 .....	11
Tribe <b>Dudusini</b> Matsumura, 1925 .....	11
Subfamily <b>Hemiceratinae</b> Guenée, 1852 .....	11
Subfamily <b>Heterocampinae</b> Neumögen & Dyar, 1894 .....	11
Subfamily <b>Nystaleinae</b> Forbes, 1948 .....	13
Subfamily <b>Dioptinae</b> Walker, 1862 .....	13
Family <b>Erebidae</b> Leach, [1815] .....	14
Subfamily <b>Lymantriinae</b> Hampson, [1893] <sup>11</sup> .....	14
Tribe <b>Lymantriini</b> Hampson, [1893] .....	14
Tribe <b>Orgyiini</b> Wallengren, 1861 .....	14
Tribe <b>Leucomini</b> Grote, 1895 ‡ <sup>12</sup> .....	14
Subfamily <b>Arctiinae</b> Leach, [1815] <sup>13</sup> .....	14
Tribe <b>Lithosiini</b> Billberg, 1820 <sup>14</sup> .....	14
Subtribe <b>Acsalina</b> Bendib & Minet, 1999 ‡ .....	14
Subtribe <b>Eudesmiina</b> Bendib & Minet, 1999 ‡ .....	15
Subtribe <b>Cisthenina</b> Bendib & Minet, 1999 ‡ <sup>14</sup> .....	15
Subtribe <b>Lithosiina</b> Billberg, 1820 .....	16
Tribe <b>Arctiini</b> Leach, [1815] .....	16
Subtribe <b>Arctiina</b> Leach, [1815] .....	16
Subtribe <b>Spilosomina</b> Seitz, 1910 .....	18
Subtribe <b>Callimorphina</b> Walker, [1865] .....	19
Subtribe <b>Pericopina</b> Walker, [1865] .....	19
Subtribe <b>Phaegopterina</b> Kirby, 1892 .....	19
Subtribe <b>Ctenuchina</b> W. Kirby, 1837 .....	21
Subtribe <b>Euchromiina</b> Butler, 1876 .....	21
Subfamily <b>Herminiinae</b> Leach, [1815] <sup>29</sup> .....	22
Subfamily <b>Pangraptinae</b> Grote, 1882 <sup>47</sup> .....	24
Subfamily <b>Hypeninae</b> Herrich-Schäffer, [1851] .....	25
Subfamily <b>Rivulinae</b> Grote, 1895 <sup>55</sup> .....	25
Subfamily <b>Scoliopteryginae</b> Herrich-Schäffer, [1852] <sup>57</sup> .....	26
Tribe <b>Scoliopterygini</b> Herrich-Schäffer, [1852] <sup>58</sup> .....	26
Tribe <b>Anomini</b> Grote, 1882 <sup>59</sup> .....	26
Subfamily <b>Calpinae</b> Boisduval, 1840 <sup>62</sup> .....	26

Tribe <b>Calpini</b> Boisduval, 1840 <sup>63</sup> .....	26
Tribe <b>Ophiderini</b> Guenée, 1852.....	26
Subfamily <b>Hypocalinae</b> Guenée, 1852 <sup>71</sup> .....	26
Subfamily <b>Scolecocampinae</b> Grote, 1883 <sup>73</sup> .....	27
Subfamily <b>Hypenodinae</b> Forbes, 1954 <sup>80</sup> .....	27
Subfamily <b>Boletobiinae</b> Guenée, [1858] <sup>81</sup> .....	28
Subfamily <b>Aventiinae</b> Tutt, 1896 <sup>86</sup> .....	28
Subfamily <b>Eublemminae</b> Forbes, 1954 <sup>88</sup> .....	28
Subfamily <b>Phytometrinae</b> Hampson, 1913 <sup>90</sup> .....	29
Subfamily <b>Anobinae</b> Holloway, 2005 ‡ <sup>101</sup> .....	30
Subfamily <b>Erebinae</b> Leach, [1815] <sup>103</sup> .....	30
Tribe <b>Toxocampini</b> Guenée, 1852 <sup>104</sup> .....	30
Tribe <b>Thermesiini</b> Guenée, 1852 <sup>107</sup> .....	30
Tribe <b>Catocalini</b> Boisduval, [1828] <sup>109</sup> .....	30
Tribe <b>Melipotini</b> Grote, 1895 <sup>122</sup> .....	34
Tribe <b>Euclidiini</b> Guenée, 1852 <sup>130</sup> .....	36
Tribe <b>Poaphilini</b> Guenée, 1852 <sup>130</sup> .....	36
Tribe <b>Ophiusiini</b> Guenée, 1837 <sup>137</sup> .....	37
Subfamily <b>Eulepidotinae</b> Grote, 1985 <sup>154</sup> .....	39
Tribe <b>Eulepidotini</b> Grote, 1985.....	39
Tribe <b>Panopodini</b> Forbes, 1954.....	39
Family <b>Euteliidae</b> Grote, 1882 <sup>167</sup> .....	40
Subfamily <b>Euteliinae</b> Grote, 1882.....	40
Family <b>Nolidae</b> Bruand, 1846 <sup>173</sup> .....	41
Subfamily <b>Nolinae</b> Bruand, 1846.....	41
Subfamily <b>Chloephorinae</b> Stainton, 1859.....	41
Tribe <b>Sarrothripini</b> Hampson, 1894 .....	41
Subfamily <b>Risobinae</b> Mell, 1943 .....	42
Subfamily <b>Collomeninae</b> Kitching & Rawlins, [1998].....	42
Subfamily <b>Afridinae</b> Kitching & Rawlins, [1998] .....	42
Family <b>Noctuidae</b> Latreille, 1809 <sup>180</sup> .....	42
Subfamily <b>Plusiinae</b> Boisduval, [1828] <sup>181</sup> .....	42
Tribe <b>Abrostolini</b> Eichlin & Cunningham, 1978 .....	42
Tribe <b>Argyrogrammatini</b> Eichlin & Cunningham, 1978.....	42
Tribe <b>Plusiini</b> Boisduval, [1828].....	42
Subtribe <b>Autoplusiina</b> Kitching, 1987 ‡.....	42
Subtribe <b>Euchalciina</b> Chou & Lu, 1979.....	43
Subtribe <b>Plusiina</b> Boisduval, [1828] .....	43
Subfamily <b>Bagisarinae</b> Crumb, 1956 <sup>196</sup> .....	44
Subfamily <b>Cydosiinae</b> Kitching & Rawlins, [1998] <sup>200</sup> .....	45
Subfamily <b>Eustrotiinae</b> Grote, 1882 <sup>202</sup> .....	45
Subfamily <b>Acontiinae</b> Guenée, 1841 <sup>224</sup> .....	46
Tribe <b>Acontiini</b> Guenée, 1841 .....	46
Subfamily <b>Pantheinae</b> Smith, 1898 <sup>239</sup> .....	49
Subfamily <b>Diphtherinae</b> Fibiger & Lafontaine, 2005 ‡ <sup>244</sup> .....	49
Subfamily <b>Dilobinae</b> Aurivillius, 1889 <sup>245</sup> .....	49

Subfamily <b>Balsinae</b> Grote, 1896 <sup>250</sup> .....	50
Subfamily <b>Acrionictinae</b> Heinemann, 1859 .....	50
Subfamily <b>Metoponiinae</b> Herrich-Schäffer, [1851] <sup>264</sup> .....	52
Subfamily <b>Cuculliinae</b> Herrich-Schäffer, [1850] <sup>266</sup> .....	52
Subfamily <b>Amphipyridae</b> Guenée, 1837 <sup>279</sup> .....	53
Tribe <b>Amphipyridini</b> Guenée, 1837 .....	53
Tribe <b>Psaphidini</b> Grote, 1896 <sup>280</sup> .....	53
Subtribe <b>Psaphidina</b> Grote, 1896 .....	53
Subtribe <b>Feraliina</b> Poole, 1995 ‡ <sup>282</sup> .....	54
Subtribe <b>Nocloina</b> Poole, 1995 ‡ <sup>284</sup> .....	54
Subtribe <b>Triocnemidina</b> Poole, 1995 ‡ <sup>287</sup> .....	55
Tribe <b>Stiriini</b> Grote, 1882 <sup>293</sup> .....	56
Subtribe <b>Stiriina</b> Grote, 1882 <sup>294</sup> .....	56
Subtribe <b>Grotellina</b> Poole, 1995 ‡ <sup>306</sup> .....	57
Subtribe <b>Azeniina</b> Poole, 1995 ‡ <sup>307</sup> .....	58
Subtribe <b>Annaphilina</b> Mustelin, 2006 ‡ .....	58
Subfamily <b>Oncocnemidinae</b> Forbes & Franclemont, 1954 <sup>309</sup> .....	59
Subfamily <b>Agaristinae</b> Herrich-Schäffer, [1858] .....	64
Subfamily <b>Condicinae</b> Poole, 1995 ‡ <sup>343</sup> .....	65
Tribe <b>Condicini</b> Poole, 1995 ‡ .....	65
Tribe <b>Leuconyctini</b> Poole, 1995 ‡ .....	66
Subfamily <b>Heliothinae</b> Boisduval, [1828] <sup>356</sup> .....	66
Subfamily <b>Eriopinae</b> Herrich-Schäffer, [1851] <sup>391</sup> .....	71
Subfamily <b>Bryophilinae</b> Guenée, 1852 <sup>393</sup> .....	71
Subfamily <b>Noctuinae</b> Latreille, 1809 <sup>398</sup> .....	71
Tribe <b>Pseudeustrotiini</b> Beck, 1996 ‡ .....	71
Tribe <b>Phosphilini</b> Poole, 1995 ‡ <sup>402</sup> .....	71
Tribe <b>Prodeniini</b> Forbes, 1954 <sup>405</sup> .....	71
Tribe <b>Elaphriini</b> Beck, 1996 ‡ <sup>408</sup> .....	72
Tribe <b>Caradrinini</b> Boisduval, 1840 <sup>414</sup> .....	72
Subtribe <b>Caradrinina</b> Boisduval, 1840 .....	72
Subtribe <b>Athetiina</b> Fibiger & Lafontaine, 2005 <sup>420</sup> .....	73
Tribe <b>Dypterygiini</b> Forbes, 1954 <sup>424</sup> .....	73
Tribe <b>Actinotiini</b> Beck, 1996 ‡ <sup>431</sup> .....	73
Tribe <b>Phlogophorini</b> Hampson, 1918 <sup>433</sup> .....	73
Tribe <b>Apameini</b> Guenée, 1841 <sup>435</sup> .....	74
Tribe <b>Arzamini</b> Grote, 1883 <sup>483</sup> .....	80
Tribe <b>Xylenini</b> Guenée, 1837 <sup>486</sup> .....	80
Subtribe <b>Xylenina</b> Guenée, 1837 <sup>486</sup> .....	80
Subtribe <b>Cosmiina</b> Guenée, 1852 <sup>499</sup> .....	84
Subtribe <b>Antitypina</b> Forbes & Franclemont, 1954 <sup>505</sup> .....	84
Subtribe <b>Ufeina</b> Crumb, 1956 <sup>520</sup> .....	85
Tribe <b>Orthosiini</b> Guenée, 1837 <sup>527</sup> .....	86
Tribe <b>Tholerini</b> Beck, 1996 ‡ <sup>527</sup> .....	88
Tribe <b>Hadenini</b> Guenée, 1837 <sup>527</sup> .....	88
Tribe <b>Leucaniini</b> Guenée, 1837 <sup>527</sup> .....	91

Tribe <b>Eriopygini</b> Fibiger & Lafontaine, 2005 ‡ <sup>527</sup> .....	92
Tribe <b>Glottulini</b> Guenée, 1852 <sup>527</sup> .....	99
Tribe <b>Noctuini</b> Latreille, 1809 <sup>599</sup> .....	99
Subtribe <b>Agrotina</b> Rambur, 1848 <sup>600</sup> .....	99
Subtribe <b>Noctuina</b> Latreille, 1809 <sup>640</sup> .....	107
<b>Notes</b> .....	113
<b>Excluded species</b> .....	163
<b>Acknowledgements</b> .....	166
<b>References</b> .....	167
<b>Index</b> .....	185

## Introduction

This check list of the Noctuoidea of North America north of Mexico is a revision of the MONA list (Franclemont and Todd 1983), now more than 25 years old. It is mainly intended to be a list of species, so synonymies and subspecies from the 1983 list are not repeated here, unless these are new synonymies or subspecies proposed since the 1983 list. This list differs markedly in several aspects from the 1983 list, reflecting ongoing changes in the species-level taxonomy and advances in the understanding of higher level noctuid systematics. Included here are 3693 species, representing about a 10% increase (341 / 3355) in species-level taxa of the North American noctuid fauna since Franclemont and Todd (1983). Remarkably, 367 species have been described as new since the 1983 list; the total number of species added to the fauna aside from new descriptions (revalidated species, re-identifications, exotic introductions, range-edge records, and vagrants) roughly equals the number of species-level taxa removed since the 1983 list (new synonymies, erroneous records), with about 230 species-level taxa added and 259 removed. Thus, about 600 additional valid species are included here compared to the Franclemont and Todd check list. To the best of our knowledge, this list captures all North American noctuid species recorded up to 1 February 2010, although many additional taxa are known to us, especially from the southern tier of States, that are either undescribed, or we have not found a suitable name for them among the Caribbean and Central and South American fauna.

Two factors make this list a radical departure from previous lists of North American Noctuoidea. The first is the adoption of a phylogenetic framework for decisions on the content and arrangement of families, subfamilies, tribes, subtribes and genera. The most distinctive feature of a phylogenetic classification is that these groupings, wherever possible, are monophyletic, i.e., groupings share a common ancestry and all members of that ancestry are included. This means that highly derived or very distinctive groups, like the tiger moths (Arctiinae), are not taken out of context, removed from their phylogenetic position and given family status, when the evidence suggests that they are a subset of a monophyletic group. The main advantages of a phylogenetic classification are that they are predictable and stable, and morphological, ecological and behavioral characters can be better understood in an evolutionary context. For example, we now believe that the prespiracular tympanal hood of the Arctiinae and the Herminiinae is not the result of two independent evolutionary events (i.e. convergent traits) as previously thought, but in connection with other data, we now see this as the result of a common ancestry of the Arctiinae and Herminiinae within the family Erebidae. The stability aspect is due to the removal of some of the subjective nature of classifications where a particular character set is taken as distinct enough to warrant a group of its own.

The second factor has been the contribution of molecular data (primarily gene sequences of mitochondrial and nuclear DNA), to both species-level taxonomy and higher-level systematics. Mitochondrial DNA nucleotide sequences are particularly useful as a character system that helps in the recognition of cryptic species, and some-

times the relationships among closely related species and genera. The most utilitarian and commonly used segment of mitochondrial DNA is a section of 658 nucleotides from the cytochrome oxidase subunit 1 (COI) gene, now commonly called a DNA barcode (see the Barcode of Life Project, <http://www.barcodinglife.org>). We examined the barcodes of about 10,000 specimens representing about two-thirds of the North American noctuoid fauna. We found these data to be extremely informative and useful as a taxonomic tool, but only when interpreted in the context of all other character systems available. Once a taxonomic decision has been made using all possible data, the barcode becomes an important tool for identification, especially by the non-specialist, and for identification of immature stages and association of sexes. Because nuclear DNA generally has slower mutation rates compared to mtDNA, it is most frequently used for older evolutionary divergences and thereby higher-level classifications, and has been important in establishing the family, subfamily, and tribal classification employed in this list. Although not as widely employed as mtDNA genes, some nuclear DNA genes are also informative at the species and genus level, especially important as a molecular marker independent of mtDNA.

Probably our most difficult struggle, and the one that will be most controversial, was with the family level classification. This has been a relatively recent issue and is highlighted by Kitching (1984), Poole (1995), Kitching and Rawlins [1998], Speidel et al. (1996), Mitchell et al. (1997, 2000, 2006), Fibiger and Lafontaine (2005), Lafontaine and Fibiger (2006), and Zahiri et al. (2010). The Noctuoidea can be divided into two broad groups, those with a trifold forewing venation (Oenosandridae, Nodontidae and Doidae), and those with a quadrifid forewing venation (e.g., Arctiidae, Lymantriidae, Nolidae, Noctuidae). What has emerged from these investigations is that the quadrifid Noctuoidea form a monophyletic group. Lafontaine and Fibiger 2006 redefined the Noctuidae to include the entire quadrifid group, believing the Arctiidae, Lymantriidae, and Nolidae to be derived from within this expanded concept of Noctuidae (and closely related to the subfamily Catocalinae). In essence, groups such as the Arctiidae, which had previously been treated as a separate family, were more closely related to groups within the Noctuidae than to non-noctuid families. In order to address this, a revised classification would have meant either recognizing over 20 (often weakly defined) families, or a single well-defined family with numerous subfamilies. The latter was adopted (Lafontaine and Fibiger 2006). In a previous classification, Fibiger and Lafontaine (2005) arranged the quadrifid (forewing) group into several families, including the quadrifine (hindwing) Erebidae and triline (hindwing) Noctuidae, based on evidence that suggested that the triline noctuid subfamilies were derived from within the quadrifine subfamilies, so the family Erebidae would not be strictly monophyletic. More recent evidence from nuclear genes (Zahiri et al. 2010) confirms that the quadrifid (forewing) noctuoids form a monophyletic group, but also that this group can be further arranged into four monophyletic subgroups: 1) the quadrifine subfamilies; 2) the triline subfamilies; 3) the Nolinae; and 4) the Euteliinae. Considering the massive size of the family, and the large number of subfamilies, tribes, and subtribes to arrange into a classification, Zahiri et al. (2010) chose the option of

recognizing these four groups as families, namely Erebidae, Noctuidae, Nolidae, and Euteliidae, and we follow that here.

In preparation for this list we examined about 80% of the type specimens of the North American species, as well as many types of their Neotropical and Palearctic relatives. We also examined genitalia preparations of most of the species and voucher material for virtually every species reported. We do not include undescribed species in this list, except where a species was included in a previous list under an erroneous name, and examination of type material has shown that there is no available name. In this situation we continue to list the species but as “of authors.” We have made many generic changes when it was clear that a species was misplaced in its current genus; when no appropriate generic name could be found, we list the species with its current generic name in quotations.

The only synonyms and subspecies listed here are those that have been taxonomically changed since the Franclemont and Todd (1983) check list. Taxa described since publication of Franclemont and Todd (1983) are indicated by a double dagger (‡) and are referenced in the bibliography. An entry with a superscript number, e.g., <sup>163</sup>, refers to a taxonomic note in the Notes section. Authors and years in parentheses, e.g., (Smith, 1903), indicate that the species was originally proposed in another genus. Brackets around a year, e.g., (Smith, [1903]), indicate that the year of publication has been determined from a source external to the original publication.

The 1983 MONA numbers are not included here but will be retained for cross reference in an on-line version of this list with some amended with decimal point numbers for additions. We have introduced a new numbering sequence for the Noctuoidea that was devised by Robert Patterson for the “Moth Photographers Group” website (<http://mothphotographersgroup.msstate.edu/>) and elsewhere. It gives each superfamily of Lepidoptera a static numerical prefix so that each superfamily can be numbered independently, while allowing for possible additional superfamily groups to be added. In this list the Noctuoidea are given the numerical prefix 93, which is printed in a smaller font than the numbers 1 to 3693 for the species in the Noctuoidea. These numerical values assigned to each species are important in sequencing taxa and in easy storage, retrieval and transfer of data without having to type species’ names with possible spelling errors. Subsequent changes (such as addition of new species) can be made with decimal point numbers.

In terms of the sequence of families, subfamilies, tribes, and genera, we have attempted to follow that used in the MONA list (Franclemont and Todd 1983) unless new information dictates otherwise. In a phylogenetic classification, often depicted as a series of branches that form nested sets of shorter and shorter branches, like those of a tree, it is important to have groups that share a common ancestry next to each other, but otherwise the sequence can be changed without losing this relationship by rotating branches. As an example, if two genera, A + B are believed to be each others closest relative, and genus C is the closest relative to A + B, then the written sequence could be given as (A + B) + C, but the same relationship could also be expressed in C + (A + B), or C + (B + A), with the branching point between A and B acting as the rotation

axis. What we have done is rotate branching points, within the limitations of the phylogenetic branching sequences, to develop a list that approximates, where possible, the 1983 MONA list. In the classification of Lafontaine and Fibiger (2006) the Arctiinae and Lymantriinae are at the end (top) of the quadrifine noctuids. In this list we have rotated branching points so that they appear first, as they do in the 1983 MONA list. This does not imply that they could continue to be treated as families. They still belong within complex nested sets of relationships that require either that they be treated as a subfamily of the Erebidae, or that all of the related groups also be treated as families. This would result in a large number of small, poorly-defined, and highly unstable families; the number of genera in *incertae sedis* (Latin for “of uncertain placement”) groups gives an indication of the potential problems. A phylogenetic classification, as foreign as it sometimes appears to be, has great advantages in allowing character states and their distribution to be better understood and also gives predictability to a classification. The close relationship of the Arctiinae, Herminiinae, and the Old World subfamily Aganainae, demonstrates that the tympanal hood of the thoracic ear, which is in front of the spiracle in these three subfamilies, but behind the spiracle in other Erebidae and Noctuidae, is a shared-derived character (synapomorphy) of these subfamilies and not independently derived, as had been thought previously. Similarly, we can use phylogenetic relationships to help locate host plants where unknown, or to understand genital morphology, ecology, immature stages, etc.

Our hope is to keep this list up-to-date and issue additions and corrections periodically, so we welcome information on any omissions, errors, and updates.

## Checklist

### Superfamily Noctuoidea Latreille, 1809 <sup>1</sup>

#### Family Doidae Donahue & Brown, 1987 ‡ <sup>2</sup>

- 930001 *Doa ampla* (Grote, 1878)  
 930002 *Leuculodes lacteolaria* (Hulst, 1886)

#### Family Notodontidae Stephens, 1829 <sup>3</sup>

##### Subfamily Pygaerinae Duponchel, [1845]

- 930003 *Clostera albosigma* Fitch, 1856  
 930004 *Clostera inclusa* (Hübner, [1831])  
 930005 *Clostera inornata* (Neumögen, 1882)  
 930006 *Clostera strigosa* (Grote, 1882)  
 930007 *Clostera paraphora* (Dyar, 1921)  
 930008 *Clostera brucei* (H. Edwards, 1885)  
 930009 *Clostera apicalis* (Walker, 1855)

##### Subfamily Notodontinae Stephens, 1829

##### Tribe Notodontini Stephens, 1829

- 930010 *Hyperaeschra georgica* (Herrich-Schäffer, 1855)  
 930011 *Hyperaeschra tortuosa* Tepper, 1881  
 930012 *Pheosia rimosa* Packard, 1864  
           syn. *P. portlandia* H. Edwards, 1886 <sup>4</sup>  
 930013 *Odontosia elegans* (Strecker, 1885)  
 930014 *Odontosia grisea* (Strecker, 1885)  
 930015 *Notodonta scitipennis* Walker, 1862  
 930016 *Notodonta pacifica* Behr, 1892  
 930017 *Notodonta torva* (Hübner, 1803) <sup>5</sup>  
           ssp. *N. t. simplaria* Graef, 1881  
 930018 *Nerice bidentata* Walker, 1855

##### Tribe Dicranurini Duponchel, [1845]

- 930019 *Gluphisia septentrionis* Walker, 1855 <sup>6</sup>  
 930020 *Gluphisia wrightii* H. Edwards, 1886  
 930021 *Gluphisia avimacula* Hudson, 1891  
 930022 *Gluphisia lintneri* (Grote, 1877)  
 930023 *Gluphisia severa* H. Edwards, 1886  
 930024 *Furcula borealis* (Guérin-Méneville, 1844) <sup>7</sup>  
 930025 *Furcula cinerea* (Walker, 1865) <sup>8</sup>  
 930026 *Furcula nivea* (Neumögen, 1891)  
 930027 *Furcula occidentalis* (Lintner, 1878) <sup>9</sup>  
 930028 *Furcula scolopendrina* (Boisduval, 1869)

- 930029 *Furcula modesta* (Hudson, 1891)
- 930030 *Cerura scitiscrypta* Walker, 1865
- 930031 *Cerura candida* Lintner, 1878
- 930032 *Cerura rarata* Walker, 1865

**Subfamily Phalerinae Butler, 1886**

- 930033 *Datana ministra* (Drury, 1773)
- 930034 *Datana angusii* Grote & Robinson, 1866
- 930035 *Datana drexelii* H. Edwards, 1884
- 930036 *Datana major* Grote & Robinson, 1866
- 930037 *Datana contracta* Walker, 1855
- 930038 *Datana integerrima* Grote & Robinson, 1866
- 930039 *Datana perspicua* Grote & Robinson, 1865
- 930040 *Datana robusta* Strecker, 1878
- 930041 *Datana modesta* Beutenmüller, 1890
- 930042 *Datana ranaeceph* (Guérin-Méneville, 1844)
- 930043 *Datana diffidens* Dyar, 1917
- 930044 *Datana neomexicana* Doll, 1911
- 930045 *Datana chiriquensis* Dyar, 1895
- 930046 *Nadata gibbosa* (J.E. Smith, 1797)
- 930047 *Nadata oregonensis* Butler, 1881
- 930048 *Peridea basitriens* (Walker, 1855)
- 930049 *Peridea angulosa* (J.E. Smith, 1797)
- 930050 *Peridea ferruginea* (Packard, 1864)
- 930051 *Ellida caniplaga* (Walker, 1856)

**Subfamily Dudusinae Matsumura, 1925**

**Tribe Dudusini Matsumura, 1925**

- 930052 *Cargida pyrrha* (Druce, 1898)
- 930053 *Crinodes biedermani* (Skinner, 1905)

**Subfamily Hemiceratinae Guenée, 1852**

- 930054 *Hemiceras cadmia* Guenée, 1852

**Subfamily Heterocampinae Neumögen & Dyar, 1894**

- 930055 *Afilia osleri* Dyar, 1904
- 930056 *Scevesia angustiora* (Barnes & McDunnough, 1910)
- 930057 *Rifargia bichorda* (Hampson, 1901)
- 930058 *Rifargia distinguenda* (Walker, 1856)
- 930059 *Rifargia lineata* Druce, 1887
- 930060 *Litodonta hydromeli* Harvey, 1876
- 930061 *Litodonta contrasta* Barnes & McDunnough, 1910

- 930062 *Litodonta wymola* (Barnes, 1905)  
930063 *Litodonta aonides* (Strecker, 1899)  
930064 *Litodonta gigantea* Barnes & Benjamin, 1924  
930065 *Litodonta alpina* Benjamin, 1932  
930066 *Misogada unicolor* (Packard, 1864)  
930067 *Macrurocampa marthesia* (Cramer, 1780)  
930068 *Macrurocampa dorothea* Dyar, 1896  
930069 *Heterocampa astarte* Doubleday, 1841  
930070 *Heterocampa astartoides* Benjamin, 1932  
930071 *Heterocampa simulans* Barnes & Benjamin, 1924  
930072 *Heterocampa rufinans* (Dyar, 1921)  
930073 *Heterocampa secessionis* Benjamin, 1932  
930074 *Heterocampa varia* Walker, 1855  
930075 *Heterocampa obliqua* Packard, 1864  
930076 *Heterocampa cubana* Grote, 1866  
930077 *Heterocampa subrotata* Harvey, 1874  
930078 *Heterocampa ditta* Barnes & McDunnough, 1910  
930079 *Heterocampa benitensis* A. Blanchard, 1971  
930080 *Heterocampa belfragei* Grote, 1879  
930081 *Heterocampa incongrua* Barnes & Benjamin, 1924  
930082 *Heterocampa umbrata* Walker, 1855  
930083 *Heterocampa averna* Barnes & McDunnough, 1910  
930084 *Heterocampa amanda* Barnes & Lindsey, 1921  
930085 *Heterocampa lunata* H. Edwards, 1884  
930086 *Heterocampa guttivitta* (Walker, 1855)  
930087 *Heterocampa biundata* Walker, 1855  
930088 *Heterocampa ruficornis* Dyar, 1905  
930089 *Heterocampa zayasi* (Torre & Alayo, 1959)  
930090 *Lochmaeus manteo* Doubleday, 1841  
930091 *Lochmaeus bilineata* (Packard, 1864)  
930092 *Disphragis captiosa* Draudt, 1932 <sup>10</sup>  
930093 *Theroa zethus* (Druce, 1898)  
930094 *Praeschausia zapata* (Schaus, 1920)  
930095 *Ursia noctuiformis* Barnes & McDunnough, 1911  
930096 *Ursia furtiva* A. Blanchard, 1971  
930097 *Schizura biedermani* Barnes & McDunnough, 1911  
930098 *Schizura ipomoeae* Doubleday, 1841  
930099 *Schizura badia* (Packard, 1864)  
930100 *Schizura unicornis* (J.E. Smith, 1797)  
930101 *Schizura errucata* Dyar, 1906  
930102 *Schizura apicalis* (Grote & Robinson, 1866)  
930103 *Schizura concinna* (J.E. Smith, 1797)  
930104 *Schizura leptinoides* (Grote, 1864)

- 930105 *Oligocentria semirufescens* (Walker, 1865)
- 930106 *Oligocentria alpica* (Benjamin, 1932)
- 930107 *Oligocentria pallida* (Strecker, 1899)
- 930108 *Oligocentria coloradensis* (H. Edwards, 1885)
- 930109 *Oligocentria perangulata* (H. Edwards, 1882)
- 930110 *Oligocentria lignicolor* (Walker, 1855)
- 930111 *Oligocentria pinalensis* (Benjamin, 1932)
- 930112 *Oligocentria paradisus* (Benjamin, 1932)
- 930113 *Oligocentria delicata* (Dyar, 1905)
- 930114 *Euhyparpax rosea* Beutenmüller, 1893
- 930115 *Hyparpax aurora* (J.E. Smith, 1797)
- 930116 *Hyparpax venus* Neumögen, 1892
- 930117 *Hyparpax minor* (Barnes & Benjamin, 1924)
- 930118 *Hyparpax aurostriata* Graef, 1888
- 930119 *Hyparpax perophoroides* (Strecker, 1876)
- 930120 *Pseudhapigia brunnea* Schaus, 1901

**Subfamily Nystaleinae Forbes, 1948**

- 930121 *Nystalea indiana* Grote, 1884
- 930122 *Nystalea collaris* Schaus, 1910
- 930123 *Nystalea eutalanta* Dyar, 1921
- 930124 *Elymiotis notodontoides* Walker, 1857
- 930125 *Hippia packardii* (Morrison, 1875)
- 930126 *Hippia insularis* (Grote, 1866)
- 930127 *Symmerista albifrons* (J.E. Smith, 1797)
- 930128 *Symmerista canicosta* Franclemont, 1946
- 930129 *Symmerista leucitys* Franclemont, 1946
- 930130 *Symmerista sauvis* (Barnes, 1901)
- 930131 *Symmerista zacualpana* (Draudt, 1932)
- 930132 *Pentobesa valta* Schaus, 1901
- 930133 *Dasylophia anguina* (J.E. Smith, 1797)
- 930134 *Dasylophia thyatiroides* (Walker, 1862)
- 930135 *Dasylophia seriata* (Druce, 1887)
- 930136 *Notela jaliscana* Schaus, 1901
- 930137 *Didugua argentilinea* Druce, 1891

**Subfamily Dioptinae Walker, 1862**

- 930138 *Phryganidia californica* Packard, 1864
- 930139 *Zunacetha annulata* (Guérin-Méneville, 1844)

**Notodontidae (*incertae sedis*)**

- 930140 *Lirimiris truncata* (Herrich-Schäffer, 1856)

**Family Erebidae Leach, [1815]****Subfamily Lymantriinae Hampson, [1893] <sup>11</sup>****Tribe Lymantriini Hampson, [1893]**930141 *Lymantria dispar* (Linnaeus, 1758)**Tribe Orgyiini Wallengren, 1861**930142 *Gynaephora rossii* Curtis, 1835930143 *Gynaephora groenlandica* (Wocke, 1874)930144 *Dasychira tephra* Hübner, 1809930145 *Dasychira dorsipennata* (Barnes & McDunnough, 1919)930146 *Dasychira vagans* (Barnes & McDunnough, 1913)930147 *Dasychira mescalera* Ferguson, 1977930148 *Dasychira basiflava* (Packard, 1864)930149 *Dasychira matheri* Ferguson, 1977930150 *Dasychira meridionalis* (Barnes & McDunnough, 1913)930151 *Dasychira atrivenosa* (Palm, 1873)930152 *Dasychira cinnamomea* (Grote & Robinson, 1866)930153 *Dasychira leucophaea* (J.E. Smith, 1797)930154 *Dasychira obliquata* (Grote & Robinson, 1866)930155 *Dasychira dominickaria* Ferguson, 1977930156 *Dasychira plagiata* (Walker, 1865)930157 *Dasychira pinicola* (Dyar, 1911)930158 *Dasychira grisefacta* (Dyar, 1911)930159 *Dasychira manto* (Strecker, 1900)930160 *Orgyia antiqua* (Linnaeus, 1758)930161 *Orgyia vetusta* Boisduval, 1852930162 *Orgyia magna* Ferguson, 1977930163 *Orgyia cana* H. Edwards, 1881930164 *Orgyia pseudotsugata* (McDunnough, 1921)930165 *Orgyia detrita* Guérin, 1831930166 *Orgyia definita* Packard, 1864930167 *Orgyia leuschneri* Riotte, 1972930168 *Orgyia leucostigma* (J.E. Smith, 1797)930169 *Orgyia falcata* Schaus, 1896**Tribe Leucomini Grote, 1895 ‡ <sup>12</sup>**930170 *Leucoma salicis* (Linnaeus, 1758)930171 *Euproctis chrysorrhoea* (Linnaeus, 1758)930172 *Euproctis similis* (Fuessly, 1775)**Subfamily Arctiinae Leach, [1815] <sup>13</sup>****Tribe Lithosiini Billberg, 1820 <sup>14</sup>****Subtribe Acsalina Bendib & Minet, 1999 ‡**930173 *Acsala anomala* Benjamin, 1935

**Subtribe Eudesmiina Bendib & Minet, 1999 ‡**

930174 *Eudesmia arida* (Skinner, 1906)

930175 *Eudesmia meneia* (Drury, 1782)

**Subtribe Cisthenina Bendib & Minet, 1999 ‡<sup>14</sup>**

930176 *Cisthene subrufa* (Barnes & McDunnough, 1913)

930177 *Cisthene unifascia* Grote & Robinson, 1868

930178 *Cisthene kentuckiensis* (Dyar, 1904)

930179 *Cisthene liberomacula* (Dyar, 1904)

930180 *Cisthene deserta* (Felder, 1868)

930181 *Cisthene faustinula* (Boisduval, 1869)

930182 *Cisthene dorsimacula* (Dyar, 1904)

930183 *Cisthene tenuifascia* Harvey, 1875

930184 *Cisthene plumbea* Stretch, 1885

930185 *Cisthene striata* Ottolengui, 1898

930186 *Cisthene perrosea* (Dyar, 1904)

930187 *Cisthene angelus* (Dyar, 1904)

930188 *Cisthene subjecta* Walker, 1854

930189 *Cisthene packardii* (Grote, 1863)

930190 *Cisthene conjuncta* (Barnes & McDunnough, 1913)

930191 *Cisthene barnesii* (Dyar, 1904)

930192 *Cisthene picta* (Barnes & McDunnough, 1918)

930193 *Cisthene juanita* Barnes & Benjamin, 1925

930194 *Cisthene coronado* C.B. Knowlton, 1967

930195 *Cisthene martini* C.B. Knowlton, 1967

930196 *Propyria schausi* (Dyar, 1898)

930197 *Lycomorpha grotei* (Packard, 1864)

930198 *Lycomorpha regulus* (Grinnell, 1903)

930199 *Lycomorpha fulgens* (H. Edwards, 1881)

930200 *Lycomorpha splendens* Barnes & McDunnough, 1912

930201 *Lycomorpha pholus* (Drury, 1773)

930202 *Lycomorpha desertus* H. Edwards, 1881

930203 *Lycomorphodes sordida* (Butler, 1877)

930204 *Hypoprepia miniata* (W. Kirby, 1837)

930205 *Hypoprepia fucosa* Hübner, [1831]

930206 *Hypoprepia cadaverosa* Strecker, 1878

930207 *Hypoprepia inculta* H. Edwards, 1882

930208 *Ptychoglène coccinea* (H. Edwards, 1886)

930209 *Ptychoglène phrada* Druce, 1889

930210 *Ptychoglène sanguineola* (Boisduval, 1870)

930211 *Haematomis uniformis* Schaus, 1899

930212 *Rhabdatomis laudamia* (Druce, 1885)

930213 *Bruceia pulverina* Neumögen, 1893

930214 *Bruceia hubbardi* Dyar, 1898

- 930215 *Clemensia albata* Packard, 1864
- 930216 *Clemensia patella* of authors, not (Druce, 1885) <sup>15</sup>
- Subtribe Lithosiina Billberg, 1820**
- 930217 *Eilema bicolor* (Grote, 1864)
- 930218 *Crambidia lithosioides* Dyar, 1898
- 930219 *Crambidia pallida* Packard, 1864
- 930220 *Crambidia uniformis* Dyar, 1898
- 930221 *Crambidia dusca* Barnes & McDunnough, 1913
- 930222 *Crambidia myrlosea* Dyar, 1917
- 930223 *Crambidia suffusa* Barnes & McDunnough, 1912
- 930224 *Crambidia impura* Barnes & McDunnough, 1913
- 930225 *Crambidia casta* (Packard, 1869)
- 930226 *Crambidia pura* Barnes & McDunnough, 1913
- 930227 *Crambidia cephalica* (Grote & Robinson, 1870)
- 930228 *Agylla septentrionalis* Barnes & McDunnough, 1911
- 930229 *Inopsis modulata* (H. Edwards, 1884)
- 930230 *Inopsis funerea* (Grote, 1883)
- 930231 *Gnamptonychia ventralis* Barnes & Lindsey, 1921
- 930232 *Gardinia anopla* Hering, 1925
- Tribe Arctiini Leach, [1815]**
- Subtribe Arctiina Leach, [1815]**
- 930233 *Holoarctia sordida* (McDunnough, 1921)
- 930234 *Holoarctia puengeleri* (Bang-Haas, 1927)
- ssp. *H. p. sibirica* Dubatolov, 2007 ‡ <sup>16</sup>
- 930235 *Neoarctia beanii* (Neumögen, 1891)
- 930236 *Neoarctia brucei* (H. Edwards, 1888)
- 930237 *Neoarctia lafontainei* Ferguson, 1985 ‡
- 930238 *Hyperborea czekanowskii* Grum-Grshmailo, 1900
- 930239 *Holarctia obliterated* (Stretch, 1885)
- 930240 *Grammia arge* (Drury, 1773) <sup>17</sup>
- 930241 *Grammia doris* (Boisduval, 1869)
- ssp. *G. d. doris* (Boisduval, 1869)
- ssp. *G. d. minea* (Slosson, 1892)
- 930242 *Grammia phyllira* (Drury, 1773)
- 930243 *Grammia placentia* (J.E. Smith, 1797)
- 930244 *Grammia virgo* (Linnaeus, 1758)
- ssp. *G. v. virgo* (Linnaeus, 1758)
- ssp. *G. v. gigas* Schmidt, 2009 ‡
- 930245 *Grammia anna* (Grote, 1863)
- 930246 *Grammia parthenice* (W. Kirby, 1837)
- 930247 *Grammia virguncula* (W. Kirby, 1837)
- 930248 *Grammia speciosa* (Möschler, 1864)
- ssp. *G. s. speciosa* (Möschler, 1864)

- ssp. *G. s. celineata* Schmidt, 2009 ‡
- 930249 *Grammia philipiana* Ferguson, 1985 ‡
- 930250 *Grammia quenseli* (Paykull, 1793)
- 930251 *Grammia margo* Schmidt, 2009 ‡  
syn. *G. celia* of authors, not (Saunders, 1863)
- 930252 *Grammia franconia* (H. Edwards, 1888) <sup>18</sup>
- 930253 *Grammia figurata* (Drury, 1773) <sup>19</sup>  
syn. *G. celia* (Saunders, 1863)
- 930254 *Grammia f-pallida* (Strecker, 1878)
- 930255 *Grammia incorrupta* (H. Edwards, 1881)
- 930256 *Grammia allectans* Ferguson, 1985 ‡
- 930257 *Grammia ursina* Schmidt, 2009 ‡
- 930258 *Grammia nevadensis* (Grote & Robinson, 1866)  
ssp. *G. n. nevadensis* (Grote & Robinson, 1866)  
ssp. *G. n. superba* (Stretch, [1874])  
ssp. *G. n. geneura* (Strecker, 1880)  
ssp. *G. n. gibsoni* (McDunnough, 1937)  
ssp. *G. n. vivida* Schmidt, 2009 ‡
- 930259 *Grammia yukona* Schmidt, 2009 ‡
- 930260 *Grammia behrii* (Stretch, 1872)
- 930261 *Grammia brillians* Schmidt, 2009 ‡
- 930262 *Grammia fergusonii* Schmidt, 2009 ‡
- 930263 *Grammia bolanderi* (Stretch, 1872)
- 930264 *Grammia williamsii* (Dodge, 1871)  
ssp. *G. w. williamsii* (Dodge, 1871)  
ssp. *G. w. tooele* (Barnes & McDunnough, 1910)
- 930265 *Grammia favorita* (Neumögen, 1890)
- 930266 *Grammia elongata* (Stretch, 1885)
- 930267 *Grammia yavapai* Schmidt, 2009 ‡
- 930268 *Grammia bowmani* Ferguson & Schmidt, 2007 ‡
- 930269 *Grammia blakei* (Grote, 1864)
- 930270 *Grammia cervinoides* (Strecker, 1876)
- 930271 *Grammia ornata* (Packard, 1864)
- 930272 *Grammia hewletti* (Barnes & McDunnough, 1918) <sup>18</sup>
- 930273 *Grammia complicata* (Walker, [1865])
- 930274 *Grammia edwardsii* (Stretch, 1872)
- 930275 *Grammia eureka* Ferguson & Schmidt, 2007 ‡
- 930276 *Notarctia proxima* (Guérin-Méneville, 1844)
- 930277 *Notarctia arizoniensis* (Stretch, [1874])
- 930278 *Apantesis phalerata* (Harris, 1841)
- 930279 *Apantesis vittata* (Fabricius, 1787)
- 930280 *Apantesis nais* (Drury, 1773)
- 930281 *Apantesis carlotta* Ferguson, 1985 ‡

- 930282 *Sonorarctia fervida* (Walker, 1855)
- 930283 *Parasemia plantaginis* (Linnaeus, 1758)
- 930284 *Acerbia alpina* (Quensel, 1802)
- 930285 *Pararctia lapponica* (Thunberg, 1791)
- 930286 *Pararctia yarrowii* (Stretch, [1874])
- 930287 *Pararctia subnebulosa* (Dyar, 1899)
- 930288 *Platarctia parthenos* (Harris, 1850)
- 930289 *Platyrepia virginalis* (Boisduval, 1852)
- 930290 *Arctia caja* (Linnaeus, 1758)
- 930291 *Arctia opulenta* (H. Edwards, 1881)
- 930292 *Arctia brachyptera* Troubridge & Lafontaine, 2000 ‡
- 930293 *Arctia olschwangi* Dubatolov, 1990 ‡<sup>20</sup>
- 930294 *Virbia laeta* (Guérin-Méneville, 1844)<sup>21</sup>
- 930295 *Virbia costata* (Stretch, 1884)
- 930296 *Virbia ostenta* (H. Edwards, 1881)
- 930297 *Virbia opella* (Grote, 1863)
- 930298 *Virbia fergusonii* Zaspel 2008 ‡
- 930299 *Virbia aurantiaca* (Hübner, [1831])
- 930300 *Virbia rubicundaria* (Hübner, [1831])
- 930301 *Virbia fragilis* (Strecker, 1878)
- 930302 *Virbia lamae* (Freeman, 1941)
- 930303 *Virbia marginata* of authors, not (Druce, 1885)<sup>22</sup>
- 930304 *Virbia nigricans* (Reakirt, 1864)
- 930305 *Virbia rindgei* Cardé 2008 ‡
- 930306 *Virbia ferruginosa* (Walker, 1854)
- 930307 *Virbia immaculata* (Reakirt, 1864)

#### **Subtribe Spilosomina Seitz, 1910**

- 930308 *Seirarctia echo* (J.E. Smith, 1797)
- 930309 *Spilosoma congrua* Walker, 1855
- 930310 *Spilosoma dubia* (Walker, 1855)
- 930311 *Spilosoma latipennis* Stretch, 1872
- 930312 *Spilosoma vestalis* Packard, 1864
- 930313 *Spilosoma vagans* (Boisduval, 1852)
- 930314 *Spilosoma pteridis* H. Edwards, 1875
- 930315 *Spilosoma danbyi* (Neumögen & Dyar, 1893)
- 930316 *Spilosoma virginica* (Fabricius, 1798)
- 930317 *Estigmene acrea* (Drury, 1773)
- 930318 *Estigmene albida* (Stretch, [1874])
- 930319 *Hyphantria cunea* (Drury, 1773)
- 930320 *Alexicles aspersa* Grote, 1883
- 930321 *Hypercompe permaculata* (Packard, 1872)
- 930322 *Hypercompe extrema* of authors (not Walker, 1855)<sup>23</sup>
- 930323 *Hypercompe scribonia* (Stoll, [1790])

- 930324 *Hypercompe caudata* (Walker, 1855)  
 930325 *Hypercompe suffusa* (Schaus, 1889)  
 930326 *Hypercompe oslari* (Rothschild, [1910])  
 930327 *Arachnis picta* Packard, 1864  
 930328 *Arachnis nedyma* Franclemont, 1966  
 930329 *Arachnis citra* Neumögen & Dyar, 1893  
     syn. *A. apachea* Clarke, 1941  
 930330 *Arachnis aulaea* Geyer, 1837  
 930331 *Arachnis zuni* Neumögen, 1890  
 930332 *Phragmatobia fuliginosa* (Linnaeus, 1758)  
 930333 *Phragmatobia lineata* Newman & Donahue, 1966  
 930334 *Phragmatobia assimilans* Walker, 1855  
 930335 *Pyrrharctia isabella* (J.E. Smith, 1797)  
 930336 *Leptarctia californiae* (Walker, 1855)  
     **Subtribe Callimorphina Walker, [1865]**  
 930337 *Dodia albertae* Dyar, 1901  
 930338 *Dodia tarandus* Macaulay & Schmidt, 2009 ‡  
 930339 *Dodia kononenkoi* Tshistjakov & Lafontaine, 1984 ‡  
 930340 *Dodia verticalis* Lafontaine & Troubridge, 2000 ‡  
 930341 *Haploa clymene* (Brown, 1776)  
 930342 *Haploa colona* (Hübner, [1803])  
 930343 *Haploa reversa* (Stretch, 1885)  
 930344 *Haploa contigua* (Walker, 1855)  
 930345 *Haploa lecontei* (Guérin-Méneville, 1844)  
 930346 *Haploa confusa* (Lyman, 1887)  
 930347 *Tyria jacobaeae* (Linnaeus, 1758)  
 930348 *Utetheisa ornatrix* (Linnaeus, 1758) <sup>24</sup>  
     syn. *U. bella* (Linnaeus, 1758)  
     **Subtribe Pericopina Walker, [1865]**  
 930349 *Composia fidelissima* Herrich-Schäffer, 1866  
 930350 *Hypocrita escuintla* (Schaus, 1920)  
 930351 *Phaloesia saucia* Walker, 1854  
 930352 *Gnophaela clappiana* Holland, 1891  
 930353 *Gnophaela latipennis* (Boisduval, 1852)  
 930354 *Gnophaela aequinoctialis* (Walker, 1854)  
 930355 *Gnophaela discreta* Stretch, 1875  
 930356 *Gnophaela vermiculata* (Grote, 1863)  
 930357 *Dysschema leucophaea* (Walker, 1854) <sup>25</sup>  
 930358 *Dysschema howardi* (H. Edwards, 1887)  
     **Subtribe Phaegopterina Kirby, 1892**  
 930359 *Hypocrisias minima* (Neumögen, 1883)  
 930360 *Halysidota tessellaris* (J.E. Smith, 1797)  
 930361 *Halysidota harrisii* Walsh, 1864

- 930362 *Halysidota davisii* H. Edwards, 1875  
930363 *Halysidota schausi* Rothschild, 1909  
930364 *Halysidota cinctipes* Grote, 1865  
930365 *Lophocampa roseata* (Walker, 1866)  
930366 *Lophocampa signifcans* (H. Edwards, 1888)  
930367 *Lophocampa ingens* (H. Edwards, 1881)  
930368 *Lophocampa argentata* (Packard, 1864)  
930369 *Lophocampa sobrina* (Stretch, 1872)  
930370 *Lophocampa caryae* Harris, 1841  
930371 *Lophocampa mixta* (Neumögen, 1882)  
930372 *Lophocampa pura* (Neumögen, 1882)  
930373 *Lophocampa maculata* Harris, 1841  
930374 *Lophocampa indistincta* (Barnes & McDunnough, 1910)  
930375 *Lophocampa annulosa* (Walker, 1855)  
930376 *Leucanopsis longa* (Grote, 1880)  
930377 *Leucanopsis perdentata* (Schaus, 1901)  
930378 *Leucanopsis lurida* (H. Edwards, 1887)  
930379 *Apocrisias thaumasta* Franclemont, 1966  
930380 *Pseudohemihyalea ambigua* (Strecker, 1878) <sup>26</sup>  
930381 *Pseudohemihyalea edwardsii* (Packard, 1864)  
930382 *Pseudohemihyalea labecula* (Grote, 1881)  
930383 *Pseudohemihyalea splendens* (Barnes & McDunnough, 1910)  
930384 *Calidota laqueata* (H. Edwards, 1887)  
930385 *Opharus muricolor* (Dyar, 1898)  
930386 *Carales arizonensis* (Rothschild, 1909)  
930387 *Pareuchaetes insulata* (Walker, 1855)  
930388 *Lerina incarnata* Walker, 1854  
930389 *Eupseudosoma involuta* (Sepp, 1849)  
930390 *Bertholdia trigona* (Grote, 1879)  
930391 *Bertholdia* sp. not *albipuncta* Schaus, 1896  
930392 *Neritos prophaea* (Schaus, 1905)  
930393 *Agaraea semivitrea* Rothchild, 1909  
930394 *Purius superpulverea* Dyar, 1925  
930395 *Biturix venosata* Walker, [1865]  
930396 *Pagara simplex* Walker, 1856  
930397 *Trocodima fuscipes* (Grote, 1883)  
930398 *Euerythra phasma* Harvey, 1876  
930399 *Euerythra trimaculata* Smith, 1887  
930400 *Neoplynes eudora* (Dyar, 1894)  
930401 *Cycnia inopinatus* (H. Edwards, 1882)  
930402 *Cycnia collaris* (Fitch, 1857)  
930403 *Cycnia tenerosa* (Dyar, 1913)  
930404 *Cycnia tenera* Hübner, 1818

- 930405 *Cygnia oregonensis* (Stretch, [1874])
- 930406 *Euchaetes zella* (Dyar, 1902)
- 930407 *Euchaetes perlevis* Grote, 1882
- 930408 *Euchaetes fusca* (Rothschild, 1910)
- 930409 *Euchaetes helena* (Cassino, 1928)
- 930410 *Euchaetes castalla* (Barnes & McDunnough, 1910)
- 930411 *Euchaetes elegans* Stretch, [1874]
- 930412 *Euchaetes egle* (Drury, 1773)
- 930413 *Euchaetes gigantea* (Barnes & McDunnough, 1910)
- 930414 *Euchaetes polingi* (Cassino, 1928)
- 930415 *Euchaetes bolteri* Stretch, 1885
- 930416 *Euchaetes antica* (Walker, 1856)
- 930417 *Euchaetes albicosta* (Walker, 1855)
- 930418 *Pygoctenucha terminalis* (Walker, 1854)
- 930419 *Pygoctenucha pyrrhoura* (Hulst, 1881)
- 930420 *Ectypia bivittata* Clemens, 1861
- 930421 *Ectypia mexicana* (Dognin, 1911)
- 930422 *Ectypia clio* (Packard, 1864)
- 930423 *Pygarctia murina* (Stretch, 1885)
- 930424 *Pygarctia pterygostigma* Dyar, 1909
- 930425 *Pygarctia neomexicana* Barnes, 1904
- 930426 *Pygarctia lorula* Dyar, 1914
- 930427 *Pygarctia roseicapitis* (Neumögen & Dyar, 1893)
- 930428 *Pygarctia flavidorsalis* Barnes & McDunnough, 1913
- 930429 *Pygarctia spraguei* (Grote, 1875)
- 930430 *Pygarctia abdominalis* Grote, 1871
- 930431 *Pygarctia eglenensis* (Clemens, 1861)
- 930432 *Kodiosoma fulvum* Stretch, 1872

**Subtribe Ctenuchina W. Kirby, 1837**

- 930433 *Ctenucha venosa* Walker, 1854
- 930434 *Ctenucha cressonana* Grote, 1863
- 930435 *Ctenucha virginica* (Esper, 1794)
- 930436 *Ctenucha multifaria* (Walker, 1854)
- 930437 *Ctenucha rubroscapus* (Ménétriés, 1857)
- 930438 *Ctenucha brunnea* Stretch, 1872
- 930439 *Dahana atripennis* Grote, 1875
- 930440 *Cisseps fulvicollis* (Hübner, [1818])
- 930441 *Cisseps packardii* (Grote, 1865)
- 930442 *Cisseps wrightii* (Stretch, 1885)

**Subtribe Euchromiina Butler, 1876**

- 930443 *Lymire edwardsii* (Grote, 1881)
- 930444 *Eucereon myrina* Druce, 1884
- 930445 *Eucereon erythrolepis* Dyar, 1910

- 930446 *Nelphe carolina* (H. Edwards, 1887)
- 930447 *Nelphe relegatum* (Schaus, 1911)
- 930448 *Empyreuma pugione* (Linnaeus, 1767)
- 930449 *Macrocneme chrysitis* (Guérin-Méneville 1844)
- 930450 *Apeplopoda mecrida* (Druce, 1889)
- 930451 *Episcepsis inornata* (Walker, 1856)
- 930452 *Psilopleura vittata* (Walker, [1865])
- 930453 *Psilopleura polia* Druce, 1898 <sup>27</sup>
- 930454 *Pseudosphex leovazquezae* (Pérez & Sánchez, 1986)
- 930455 *Myrmecopsis strigosa* (Druce, 1884)
- 930456 *Cosmosoma festivum* (Walker, 1854)
- 930457 *Cosmosoma teuthras* (Walker, 1854)
- 930458 *Cosmosoma myrodora* (Dyar, 1907)
- 930459 *Didasys belae* Grote, 1875
- 930460 *Syntomeida ipomoeae* (Harris, 1839)
- 930461 *Syntomeida melanthus* (Cramer, [1779])
- 930462 *Syntomeida epilais* (Walker, 1854)
- 930463 *Pseudocharis minima* (Grote, 1867)
- 930464 *Poliopastea clavipes* (Boisduval, 1870)
- 930465 *Horama panthalon* (Fabricius, 1793)
- 930466 *Horama plumipes* (Drury, 1773)
- 930467 *Phoenicoprocta lydia* (Druce, 1889) <sup>28</sup>
- 930468 *Phoenicoprocta hampsonii* (Barnes, 1904) <sup>28</sup>

**Subfamily Herminiinae Leach, [1815] <sup>29</sup>**

- 930469 *Idia americalis* (Guenée, 1854)
- 930470 *Idia majoralis* (Smith, 1895)
- 930471 *Idia aemula* Hübner, 1814
- 930472 *Idia concisa* of authors, not (Walker, 1860) <sup>30</sup>
- 930473 *Idia suffusalis* (Smith, 1899)
- 930474 *Idia rotundalis* (Walker, 1866)
- 930475 *Idia forbesii* (French, 1894)
- 930476 *Idia julia* (Barnes & McDunnough, 1918)
- 930477 *Idia diminuendis* (Barnes & McDunnough, 1918)
- 930478 *Idia scobialis* (Grote, 1880)
- 930479 *Idia laurentii* (Smith, 1893)
- 930480 *Idia terrebralis* (Barnes & McDunnough, 1912)
- 930481 *Idia denticulalis* (Harvey, 1875)
- 930482 *Idia lubricalis* (Geyer, 1832)  
syn. *I. intensinalis* (Smith, 1908) <sup>31</sup>
- 930483 *Idia occidentalis* (Smith, 1884) <sup>32</sup>  
syn. *I. partitalis* (Smith, 1908)
- 930484 *Idia parvulalis* (Barnes & McDunnough, 1911)

- 930485 *Idia gopheri* (Smith, 1899)
- 930486 *Idia immaculalis* (Hulst, 1886) <sup>33</sup>
- 930487 *Phalaenophana pyramusalis* (Walker, 1859)
- 930488 *Phalaenophana extremalis* (Barnes & McDunnough, 1912)
- 930489 *Zanclognatha lituralis* (Hübner, 1818) <sup>34</sup>
- 930490 *Zanclognatha theralis* (Walker, 1859) <sup>35</sup>  
syn. *Z. decepтрicalis* Zeller, 1873  
syn. *Z. gypsalis* (Grote, 1880)  
syn. *Z. inconspicualis* (Grote, 1883)
- 930491 *Zanclognatha minoralis* of authors, not Smith, 1895 <sup>36</sup>
- 930492 *Zanclognatha laevigata* (Grote, 1872)
- 930493 *Zanclognatha atrilineella* (Grote, 1873)
- 930494 *Zanclognatha obscuripennis* (Grote, 1872)
- 930495 *Zanclognatha pedipilalis* (Guenée, 1854)
- 930496 *Zanclognatha protumnusalis* (Walker, 1859)
- 930497 *Zanclognatha martha* Barnes, 1928
- 930498 *Zanclognatha cruralis* (Guenée, 1854)
- 930499 *Zanclognatha marcidilinea* (Grote, 1872) <sup>37</sup>  
syn. *Z. jacchusalis* of authors, not (Walker, 1859)
- 930500 *Zanclognatha jacchusalis* (Walker, 1859) <sup>38</sup>  
syn. *Z. ochreipennis* (Grote, 1872)
- 930501 *Zanclognatha lotalba* (Smith, 1906)  
ssp. *Z. l. lotalba* (Smith, 1906)  
ssp. *Z. l. bryanti* Barnes, 1928 <sup>39</sup>
- 930502 *Chytolita morbidalis* (Guenée, 1854)
- 930503 *Chytolita petrealis* Grote, 1880
- 930504 *Simplicia cornicalis* (Fabricius, 1794) <sup>40</sup>  
syn. *S. caeneusalis* (Walker, [1859])
- 930505 *Macrochilo louisiana* (Forbes, 1922) <sup>41</sup>
- 930506 *Macrochilo bivittata* (Grote, 1877)
- 930507 *Macrochilo santerivalis* Ferguson, 1982 ‡
- 930508 *Macrochilo absorptalis* (Walker, 1859)
- 930509 *Macrochilo hypocritalis* Ferguson, 1982 ‡
- 930510 *Macrochilo litophora* (Grote, 1873)
- 930511 *Macrochilo orciferalis* (Walker, 1859)
- 930512 *Phalaenostola metonalis* (Walker, 1859)
- 930513 *Phalaenostola eumelusalis* (Walker, 1859)
- 930514 *Phalaenostola larentioides* Grote, 1873
- 930515 *Phalaenostola hanhami* (Smith, 1899)
- 930516 *Tetanolita mynesalis* (Walker, 1859)
- 930517 *Tetanolita palligera* (Smith, 1884)
- 930518 *Tetanolita floridana* (Smith, 1895)
- 930519 *Tetanolita negalis* Barnes & McDunnough, 1912

- 930520 *Bleptina caradrinalis* Guenée, 1854
- 930521 *Bleptina araealis* of authors, not (Hampson, 1901) <sup>42</sup>
- 930522 *Bleptina inferior* Grote, 1872
- 930523 *Bleptina sangamonica* Barnes & McDunnough, 1912
- 930524 *Bleptina flaviguttalis* Barnes & McDunnough, 1912
- 930525 *Bleptina minimalis* Barnes & McDunnough, 1912
- 930526 *Bleptina hydrillalis* of authors, not Guenée, 1854 <sup>43</sup>
- 930527 *Hypenula cacuminalis* (Walker, 1859)
- 930528 *Hypenula caminalis* Smith, 1905
- 930529 *Renia salusalis* (Walker, 1859)
- 930530 *Renia factiosalis* (Walker, 1859)
- 930531 *Renia nemoralis* Barnes & McDunnough, 1918
- 930532 *Renia discoloralis* Guenée, 1854
- 930533 *Renia pulverosalis* Smith, 1895
- 930534 *Renia hutsoni* Smith, 1906
- 930535 *Renia rigida* Smith, 1905
- 930536 *Renia flavipunctalis* (Geyer, 1832)
- 930537 *Renia fraternalis* Smith, 1895
- 930538 *Renia adspergillus* (Bosc, [1800])
- 930539 *Renia sobrialis* (Walker, 1859)
- 930540 *Renia subterminalis* Barnes & McDunnough, 1912
- 930541 *Renia mortualis* Barnes & McDunnough, 1912
- 930542 *Aristaria theroalis* (Walker, 1859)
- 930543 *Physula albipunctilla* Schaus, 1916 <sup>44</sup>
- 930544 *Carteris oculatalis* (Möschler, 1890)
- 930545 *Carteris lineata* (Druce, 1898) <sup>45</sup>
- 930546 *Phlyctaina irrigualis* Möschler, 1890
- 930547 *Lascoria ambigualis* Walker, 1866
- 930548 *Lascoria aon* Druce, 1891
- 930549 *Lascoria alucitalis* Guenée, 1854
- 930550 *Lascoria orneodalis* Guenée, 1854
- 930551 *Palthis angulalis* (Hübner, 1796)
- 930552 *Palthis asopialis* (Guenée, 1854)
- 930553 *Rejectaria albisinuata* (Smith, 1905)
- 930554 *Redectis pygmaea* (Grote, 1878)
- 930555 *Redectis vitrea* (Grote, 1878)
- 930556 *Macristis bilinealis* (Barnes & McDunnough, 1912)
- 930557 *Macristis geminipunctalis* Schaus, 1916 <sup>46</sup>
- 930558 *Macristis schausi* Barnes & Benjamin, 1924

**Subfamily Pangraptinae Grote, 1882** <sup>47</sup>

- 930559 *Pangraptia decoralis* Hübner, 1818
- 930560 *Ledaea perditalis* (Walker, 1859)

**Subfamily Hypeninae Herrich-Schäffer, [1851]**

- 930561 *Hypena manalis* Walker, [1859] <sup>48</sup>
- 930562 *Hypena baltimoralis* Guenée, 1854
- 930563 *Hypena ramstadtii* (Wyatt, 1967)
- 930564 *Hypena bijugalis* Walker, [1859]
- 930565 *Hypena palparia* (Walker, 1861)
- 930566 *Hypena abalienalis* Walker, [1859]
- 930567 *Hypena deceptalis* Walker, [1859]
- 930568 *Hypena madefactalis* Guenée, 1854
- 930569 *Hypena appalachiensis* (L. Butler, 1987) ‡ <sup>49</sup>
- 930570 *Hypena sordidula* Grote, 1872
- 930571 *Hypena subidalis* Guenée, 1854 <sup>50</sup>
- 930572 *Hypena heuloa* (Smith, 1905)
- 930573 *Hypena atomaria* (Smith, 1903)
- 930574 *Hypena vega* (Smith, 1900)
- 930575 *Hypena edictalis* Walker, [1859]
- 930576 *Hypena umbralis* (Smith, 1884)
- 930577 *Hypena variabilis* Druce, 1890
- 930578 *Hypena vetustalis* Guenée, 1854 <sup>51</sup>
- 930579 *Hypena abjuralis* Walker, [1859] <sup>48</sup>
- 930580 *Hypena minualis* Guenée, 1854
- 930581 *Hypena annulalis* (Grote, 1876)
- 930582 *Hypena degasalis* Walker, 1859
- 930583 *Hypena porrectalis* (Fabricius, 1794)
- 930584 *Hypena humuli* Harris, 1841 <sup>48</sup>
- 930585 *Hypena californica* Behr, 1870
- 930586 *Hypena decorata* Smith, 1884
- 930587 *Hypena modestoides* Poole, 1989 ‡  
syn. *H. modesta* Smith, 1895 <sup>52</sup>
- 930588 *Hypena scabra* (Fabricius, 1798) <sup>48</sup>
- 930589 *Hypena eductalis* Walker, [1859] <sup>53</sup>
- 930590 *Colobochyla interpuncta* (Grote, 1872) <sup>54</sup>
- 930591 *Melanomma auricinctaria* Grote, 1875 <sup>54</sup>

**Subfamily Rivulinae Grote, 1895 <sup>55</sup>**

- 930592 *Rivula propinqualis* Guenée, 1854
- 930593 *Rivula stepheni* Sullivan, 2009 ‡
- 930594 *Rivula pusilla* Möschler, 1890 <sup>56</sup>
- 930595 *Oxycilla tripla* Grote, 1896
- 930596 *Oxycilla basipallida* Barnes & McDunnough, 1916
- 930597 *Oxycilla malaca* (Grote, 1873)
- 930598 *Oxycilla mitographa* (Grote, 1873)
- 930599 *Oxycilla ondo* (Barnes, 1907)

930600 *Zelicodes linearis* (Grote, 1883)

**Subfamily Scoliopteryginae Herrich-Schäffer, [1852] <sup>57</sup>**

**Tribe Scoliopterygini Herrich-Schäffer, [1852] <sup>58</sup>**

930601 *Scoliopteryx libatrix* (Linnaeus, 1758)

**Tribe Anomini Grote, 1882 <sup>59</sup>**

930602 *Anomis erosa* Hübner, 1821 <sup>60</sup>

930603 *Anomis flava* (Fabricius, 1775)

930604 *Anomis privata* (Walker, 1865)

syn. *A. commoda* (Butler, 1878) <sup>61</sup>

930605 *Anomis impasta* Guenée, 1852

930606 *Anomis luridula* Guenée, 1852

930607 *Anomis texana* Riley, 1885

930608 *Anomis illita* Guenée, 1852

930609 *Anomis exacta* Hübner, 1822

930610 *Anomis editrix* (Guenée, 1852)

930611 *Alabama argillacea* (Hübner, 1823)

**Subfamily Calpinae Boisduval, 1840 <sup>62</sup>**

**Tribe Calpini Boisduval, 1840 <sup>63</sup>**

930612 *Calyptra canadensis* (Bethune, 1865)

930613 *Gonodonta sicheas* (Cramer, 1777)

930614 *Gonodonta sinaldus* Guenée, 1852

930615 *Gonodonta pyrgo* (Cramer, 1777)

930616 *Gonodonta fulvangala* Geyer, 1832 <sup>64</sup>

930617 *Gonodonta nutrix* (Cramer, 1782)

930618 *Gonodonta unica* Neumögen, 1891

930619 *Gonodonta incurva* (Sepp, [1840])

930620 *Gonodonta bidens* Geyer, 1832 <sup>65</sup>

930621 *Gonodonta nitidimacula* Guenée, 1852 <sup>66</sup>

930622 *Plusiodonta compressipalpis* Guenée, 1852

930623 *Plusiodonta amado* Barnes, 1907

syn. *P. suffusa* Hill, 1924 <sup>67</sup>

**Tribe Ophiderini Guenée, 1852**

930624 *Eudocima apta* (Walker, [1858]) <sup>68</sup>

syn. *E. materna* of authors, not Linnaeus, 1767

930625 *Eudocima serpentifera* (Walker, [1858]) <sup>69</sup>

930626 *Eudocima tyrannus* (Guenée, 1852) <sup>70</sup>

**Subfamily Hypocalinae Guenée, 1852 <sup>71</sup>**

930627 *Hypocala andremona* (Cramer, 1784)

930628 *Hypsoropha monilis* (Fabricius, 1777)

930629 *Hypsoropha hormos* Hübner, 1818

- 930630 *Hypsoropha baja* McCabe, 1992 ‡  
 930631 *Psammathodoxa cochlidioides* Dyar, 1921  
 930632 *Aon noctuiformis* Neumögen, 1892 <sup>72</sup>  
 930633 *Goniapteryx servia* (Cramer, 1782)  
**Subfamily Scolecocampinae Grote, 1883** <sup>73</sup>  
 930634 *Arugisa lutea* (Smith, 1900) <sup>74</sup>  
     syn. *A. latiorella* of authors, not (Walker, 1863)  
 930635 *Arugisa latiorella* (Walker, 1863) <sup>74</sup>  
     syn. *A. watsoni* Richards, 1941  
 930636 *Arugisa punctalis* (Barnes & McDunnough, 1916)  
 930637 *Scolecocampa liburna* (Geyer, 1837)  
 930638 *Scolecocampa atriluna* Smith, 1903  
 930639 *Gabara obscura* (Grote, 1883)  
 930640 *Gabara gigantea* (Smith, 1905)  
 930641 *Gabara stygialis* (Smith, 1903)  
 930642 *Gabara infumata* (Hampson, 1926)  
 930643 *Gabara subnivosella* Walker, 1866  
 930644 *Gabara distema* (Grote, 1880)  
 930645 *Gabara pulverosalis* (Walker, 1866)  
 930646 *Palpidia pallidior* Dyar, 1898  
 930647 *Pseudorgyia versuta* Harvey, 1875  
 930648 *Pseudorgyia russula* Grote, 1883  
 930649 *Pharga pallens* (Barnes & McDunnough, 1911)  
 930650 *Abablemma grandimacula* (Schaus, 1911) <sup>75</sup>  
 930651 *Abablemma brimleyana* (Dyar, 1914)  
 930652 *Abablemma bilineata* (Barnes & McDunnough, 1916)  
 930653 *Abablemma duomaculata* (Barnes & Benjamin, 1925) <sup>76</sup>  
 930654 *Phobolosia anfracta* (H. Edwards, 1881)  
 930655 *Nigetia formosalis* Walker, 1866

**Subfamily Scolecocampinae (*incertae sedis*)** <sup>77</sup>

- 930656 “*Araeopteron*” *vilhelmina* (Dyar, 1916) <sup>78</sup>  
 930657 *Sigela brauneata* (Swett, 1913) <sup>79</sup>  
 930658 *Sigela penumbrata* Hulst, 1896  
 930659 *Sigela basipunctaria* (Walker, 1861)  
 930660 *Sigela eoides* (Barnes & McDunnough, 1913)

**Subfamily Hypenodinae Forbes, 1954** <sup>80</sup>

- 930661 *Hypenodes caducus* (Dyar, 1907)  
 930662 *Hypenodes fractilinea* (Smith, 1908)  
 930663 *Hypenodes palustris* Ferguson, 1954  
 930664 *Hypenodes sombrus* Ferguson, 1954  
 930665 *Hypenodes franclemonti* Ferguson, 1954

- 930666 *Dasyblemma straminea* Dyar, 1913
- 930667 *Parahypenodes quadralis* Barnes & McDunnough, 1918
- 930668 *Schrankia macula* (Druce, 1891)
- 930669 *Dyspyralis illocata* Warren, 1891
- 930670 *Dyspyralis puncticosta* (Smith, 1908)
- 930671 *Dyspyralis nigellus* (Strecker, 1900)
- 930672 *Dyspyralis noloides* Barnes & McDunnough, 1916

**Subfamily Boletobiinae Guenée, [1858] <sup>81</sup>**

- 930673 *Parascotia fuliginaria* (Linnaeus, 1761) <sup>82</sup>  
syn. *P. mineta* Franclemont, 1985 ‡
- 930674 *Mycterophora inexplicata* (Walker, [1863])
- 930675 *Mycterophora monticola* Hulst, 1896
- 930676 *Mycterophora longipalpata* Hulst, 1896
- 930677 *Mycterophora geometriformis* Hill, 1924
- 930678 *Mycterophora rubricans* Barnes & McDunnough, 1918
- 930679 *Metalectra discalis* (Grote, 1876) <sup>83</sup>
- 930680 *Metalectra quadrisignata* (Walker, [1858])
- 930681 *Metalectra bigallis* (Smith, 1908)
- 930682 *Metalectra tantillus* (Grote, 1875)
- 930683 *Metalectra diabolica* Barnes & Benjamin, 1924
- 930684 *Metalectra albilinea* Richards, 1941
- 930685 *Metalectra richardsi* Brower, 1941
- 930686 *Metalectra miserulata* (Grote, 1882)
- 930687 *Metalectra edilis* (Smith, 1906)
- 930688 *Metalectra geminicincta* Schaus, 1916 <sup>84</sup>
- 930689 *Metalectra cinctus* (Smith, 1905)

**Subfamily Boletobiinae (*incertae sedis*)**

- 930690 *Prosoparia perfuscaria* Grote, 1883
- 930691 *Prosoparia anormalis* (Barnes & McDunnough, 1912) <sup>85</sup>
- 930692 *Prosoparia floridana* Lafontaine & Dickel, 2009 ‡

**Subfamily Aventiinae Tutt, 1896 <sup>86</sup>**

- 930698 “*Oruza*” *albocostaliata* (Packard, 1876) <sup>87</sup>
- 930699 “*Oruza*” *albocostata* (Druce, 1899)

**Subfamily Eublemminae Forbes, 1954 <sup>88</sup>**

- 930693 *Eublemma minima* (Guenée, 1852) <sup>89</sup>
- 930694 *Eublemma cinnamomea* (Herrich-Schäffer, 1868) <sup>89</sup>
- 930695 *Eublemma recta* (Guenée, 1852)
- 930696 *Eublemma irresoluta* (Dyar, 1919)
- 930697 *Proroblemma testa* Barnes & McDunnough, 1913

**Subfamily Phytometrinae Hampson, 1913<sup>90</sup>**

- 930700 *Hemeroplanis scopulepes* (Haworth, 1809)
- 930701 *Hemeroplanis punitalis* (Smith, 1907)
- 930702 *Hemeroplanis secundalis* (Smith, 1907)
- 930703 *Hemeroplanis reversalis* (Smith, 1907)
- 930704 *Hemeroplanis habitalis* (Walker, 1859)
- 930705 *Hemeroplanis historialis* (Grote, 1882)
- 930706 *Hemeroplanis finitima* (Smith, 1893)
- 930707 *Hemeroplanis incusalis* (Grote, 1881)
- 930708 *Hemeroplanis parallela* (Smith, 1907)
- 930709 *Hemeroplanis rectalis* (Smith, 1907)<sup>91</sup>
- 930710 *Hemeroplanis immaculalis* (Harvey, 1875)
- 930711 *Hemeroplanis obliqualis* (H. Edwards, 1886)
- 930712 *Hemeroplanis trilineosa* (Dyar, 1918)<sup>92</sup>
- 930713 *Mursa phtisialis* (Guenée, 1854)<sup>93</sup>
- 930714 *Glympis concors* (Hübner, 1823)
- 930715 *Spargaloma sexpunctata* Grote, 1873
- 930716 *Phytometra ernestinana* (Blanchard, 1840)
- 930717 *Phytometra rhodarialis* (Walker, 1859)
- 930718 *Phytometra apicata* Barnes & McDunnough, 1916
- 930719 *Phytometra obliqualis* (Dyar, 1912)
- 930720 *Phytometra orgiae* (Grote, 1875)
- 930721 *Nychioptera noctuidalis* (Dyar, 1907)
- 930722 *Nychioptera accola* Franclemont, 1966
- 930723 *Nychioptera opada* Franclemont, 1966
- 930724 *Hormoschista latipalpis* (Walker, 1858)
- 930725 *Ommatochila mundula* (Zeller, 1872)
- 930726 *Janseodes melanospila* (Guenée, 1852)<sup>94</sup>
- 930727 *Hyperstrotia nana* (Hübner, 1818)<sup>95</sup>
- 930728 *Hyperstrotia aetheria* (Grote, 1879)
- 930729 *Hyperstrotia pervertens* (Barnes & McDunnough, 1918)
- 930730 *Hyperstrotia villificans* (Barnes & McDunnough, 1918)
- 930731 *Hyperstrotia flaviguttata* (Grote, 1882)
- 930732 *Hyperstrotia secta* (Grote, 1879)

**Subfamily Phytometrinae (*incertae sedis*)**

- 930733 *Isogona natatrix* Guenée, 1852
- 930734 *Isogona tenuis* (Grote, 1872)
- 930735 *Isogona texana* (Smith, 1900)
- 930736 *Isogona punctipennis* (Grote, 1883)
- 930737 *Isogona segura* Barnes, 1907
- 930738 *Isogona snowi* (Smith, 1908)
- 930739 *Isogona scindens* (Walker, 1858)

- 930740 *Bandelia angulata* (Barnes & Lindsey, 1922)  
 930741 *Euaontia semirufa* Barnes & McDunnough, 1910  
 930742 *Euaontia clarki* Barnes & McDunnough, 1916  
 930743 *Aglaonice otignatha* Hampson, 1924 <sup>96</sup>  
 930744 *Allerastria albiciliatus* (Smith, 1903) <sup>97</sup>  
 930745 *Allerastria annae* Brown, 1987 ‡  
 930746 *Homocerynea cleoriformis* Barnes & McDunnough, 1913 <sup>98</sup>  
 930747 *Cecharismena cara* Möschler, 1890  
 930748 *Cecharismena nectarea* Möschler, 1890  
 930749 *Cecharismena jalapena* (Schaus, 1906) <sup>99</sup>  
 930750 *Cecharismena anartoides* (Walker, 1865) <sup>100</sup>

**Subfamily Anobinae Holloway, 2005 ‡ <sup>101</sup>**

- 930751 *Baniana minor* Lafontaine & Walsh, 2010 ‡  
 930752 *Deinopa angitia* (Druce, 1891) <sup>102</sup>

**Subfamily Erebinae Leach, [1815] <sup>103</sup>**

**Tribe Toxocampini Guenée, 1852 <sup>104</sup>**

- 930753 *Lygephila victoria* (Grote, 1874) <sup>105</sup>  
 930754 *Tathorhynchus exsiccata* (Lederer, 1855) <sup>106</sup>

**Tribe Thermesiini Guenée, 1852 <sup>107</sup>**

- 930755 *Hemeroblemma opigena* (Drury, 1773)  
 930756 *Latebraria amphipyroides* Guenée, 1852  
 930757 *Letis xylia* Guenée, 1852 <sup>108</sup>  
 930758 *Thysania zenobia* (Cramer, 1777)  
 930759 *Ascalapha odorata* (Linnaeus, 1758)

**Tribe Catocalini Boisduval, [1828] <sup>109</sup>**

- 930760 *Spiloloma lunilinea* Grote, 1873  
 930761 *Catocala innubens* Guenée, 1852  
 930762 *Catocala piatrix* Grote, 1864  
     ssp. *C. p. piatrix* Grote, 1864  
     ssp. *C. p. dionyza* H. Edwards, 1885  
 930763 *Catocala consors* (J.E. Smith, 1797)  
     syn. *C. sorsconi* Barnes & Benjamin, 1924 <sup>110</sup>  
 930764 *Catocala epione* (Drury, 1773)  
 930765 *Catocala muliercula* Guenée, 1852  
 930766 *Catocala antinympa* (Hübner, [1823])  
 930767 *Catocala badia* Grote & Robinson, 1866  
     ssp. *C. b. badia* Grote & Robinson, 1866  
     ssp. *C. b. coelebs* Grote, 1874 <sup>111</sup>  
 930768 *Catocala habilis* Grote, 1872  
     syn. *C. denussa* Ehrman, 1893 <sup>110</sup>  
 930769 *Catocala robinsonii* Grote, 1872

- 930770 *Catocala angusi* Grote, 1876
- 930771 *Catocala judith* Strecker, 1874
- 930772 *Catocala serena* W.H. Edwards, 1864
- 930773 *Catocala obscura* Strecker, 1873
- 930774 *Catocala residua* Grote, 1874
- 930775 *Catocala flebilis* Grote, 1872
- 930776 *Catocala sappho* Strecker, 1874
- 930777 *Catocala resecta* Grote, 1872
- 930778 *Catocala luctuosa* Hulst, 1884 <sup>112</sup>
- 930779 *Catocala ulalume* Strecker, 1878
- 930780 *Catocala dejecta* Strecker, 1880
- 930781 *Catocala insolabilis* Guenée, 1852
- 930782 *Catocala vidua* (J.E. Smith, 1797)
- 930783 *Catocala lacrymosa* Guenée, 1852
- 930784 *Catocala palaeogama* Guenée, 1852  
syn. *C. snowiana* Grote, 1876 <sup>111</sup>
- 930785 *Catocala agrippina* Strecker, 1874
- 930786 *Catocala atocala* Brou, 1985 ‡
- 930787 *Catocala nebulosa* W.H. Edwards, 1864
- 930788 *Catocala subnata* Grote, 1864
- 930789 *Catocala maestosa* Hulst, 1884
- 930790 *Catocala neogama* (J.E. Smith, 1797)  
ssp. *C. n. neogama* (J.E. Smith, 1797)  
syn. *C. loretta* Barnes & McDunnough, 1918 <sup>110</sup>  
ssp. *C. n. euphemia* Beutenmüller, 1907 <sup>113</sup>
- 930791 *Catocala aholibah* Strecker, 1874
- 930792 *Catocala ilia* (Cramer, 1776)  
ssp. *C. i. ilia* (Cramer, 1776)  
ssp. *C. i. zoe* Behr, 1874
- 930793 *Catocala umbrosa* Brou, 2002 ‡
- 930794 *Catocala cerogama* Guenée, 1852
- 930795 *Catocala relictia* Walker, [1858]  
syn. *C. elda* Behrens, 1887 <sup>110</sup>
- 930796 *Catocala marmorata* W.H. Edwards, 1864
- 930797 *Catocala unijuga* Walker, [1858]
- 930798 *Catocala parta* Guenée, 1852
- 930799 *Catocala irene* Behr, 1870  
syn. *C. valeria* H. Edwards, 1880 <sup>110</sup>
- 930800 *Catocala luciana* Strecker, 1874
- 930801 *Catocala faustina* Strecker, 1873  
ssp. *C. f. faustina* Strecker, 1873  
ssp. *C. f. cleopatra* Strecker, 1874 <sup>114</sup>  
ssp. *C. f. allusa* Hulst, 1884 <sup>113</sup>

- syn. *C. frenchii* Poling, 1901 <sup>110</sup>  
 syn. *C. caerulea* Beutenmüller, 1907 <sup>110</sup>
- 930802 *Catocala hermia* H. Edwards, 1880  
 ssp. *C. h. hermia* H. Edwards, 1880  
 syn. *C. sheba* Cassino, 1919 <sup>110</sup>  
 syn. *C. verecunda* Hulst, 1884 <sup>110</sup>  
 ssp. *C. h. francisca* H. Edwards, 1880 <sup>113</sup>
- 930803 *Catocala californica* W.H. Edwards, 1864  
 syn. *C. edwardsi* Kusnezov, 1903 <sup>110</sup>  
 syn. *C. elizabeth* Cass, 1918 <sup>110</sup>  
 syn. *C. erichi* Brower, 1976 <sup>110</sup>
- 930804 *Catocala briseis* W.H. Edwards, 1864  
 syn. *C. minerva* Cassino, 1917 <sup>110</sup>
- 930805 *Catocala grotiana* Bailey, 1879
- 930806 *Catocala semirelictata* Grote, 1874  
 ssp. *C. s. semirelictata* Grote, 1874  
 syn. *C. pura* Hulst, 1880 <sup>110</sup>  
 syn. *C. nevadensis* Beutenmüller, 1907 <sup>110</sup>  
 ssp. *C. s. hippolyta* Strecker, 1874 <sup>113</sup>
- 930807 *Catocala meskei* Grote, 1873  
 syn. *C. orion* McDunnough, 1922 <sup>110</sup>
- 930808 *Catocala jessica* H. Edwards, 1877  
 syn. *C. babayaga* Strecker, 1884 <sup>114</sup>
- 930809 *Catocala junctura* Walker, [1858]  
 syn. *C. stretchii* Behr, 1870 <sup>110</sup>  
 syn. *C. elsa* Beutenmüller, 1918 <sup>110</sup>  
 syn. *C. margherita* Beutenmüller, 1918 <sup>110</sup>  
 syn. *C. arizonae* Grote, 1873 <sup>111</sup>  
 syn. *C. aspasia* Strecker, 1874 <sup>114</sup>  
 syn. *C. augusta* H. Edwards, 1875 <sup>110</sup>
- 930810 *Catocala texanae* French, 1902 <sup>115</sup>
- 930811 *Catocala electilis* Walker, [1858]
- 930812 *Catocala cara* Guenée, 1852
- 930813 *Catocala carissima* Hulst, 1880 <sup>112</sup>
- 930814 *Catocala concumbens* Walker, [1858]
- 930815 *Catocala amatrix* (Hübner, [1813])  
 syn. *C. editha* W.H. Edwards, 1874 <sup>111</sup>
- 930816 *Catocala delilah* Strecker, 1874
- 930817 *Catocala desdemona* H. Edwards, 1882 <sup>116</sup>  
 syn. *C. utahensis* Cassino, 1918 <sup>117</sup>  
 syn. *C. ixion* Druce, 1890 <sup>117</sup>
- 930818 *Catocala caesia* Hawks, 2010 ‡

- 930819 *Catocala frederici* Grote, 1872
- 930820 *Catocala benjamini* Brower, 1937 <sup>118</sup>  
ssp. *C. b. benjamini* Brower, 1937  
ssp. *C. b. ute* Peacock & Wagner, 2009 ‡  
ssp. *C. b. jumpi* Hawks, 2010 ‡  
ssp. *C. b. mayhewi* Hawks, 2010 ‡
- 930821 *Catocala andromache* H. Edwards, 1885  
syn. *C. wellsii* Johnson, 1983 ‡ <sup>117</sup>
- 930822 *Catocala californiensis* Brower, 1976  
ssp. *C. c. californiensis* Brower, 1976
- 930823 *Catocala johnsoniana* Brower, 1976
- 930824 *Catocala mcdunnoughi* Brower, 1937  
syn. *C. browerorum* Johnson, 1983 ‡ <sup>117</sup>
- 930825 *Catocala chelidonia* Grote, 1881  
ssp. *C. c. chelidonia* Grote, 1881  
ssp. *C. c. occidentalis* Hawks, 2010 ‡  
ssp. *C. c. uniforma* Hawks, 2010 ‡
- 930826 *Catocala illecta* Walker, [1858]
- 930827 *Catocala abbreviatella* Grote, 1872
- 930828 *Catocala nuptialis* Walker, [1858]
- 930829 *Catocala whitneyi* Dodge, 1874
- 930830 *Catocala amestris* Strecker, 1874
- 930831 *Catocala messalina* Guenée, 1852
- 930832 *Catocala sordida* Grote, 1877
- 930833 *Catocala gracilis* W.H. Edwards, 1864
- 930834 *Catocala louiseae* J. Bauer, 1965  
syn. *C. protonympha* Boisduval, 1840 <sup>119</sup>
- 930835 *Catocala andromedae* Guenée, 1852  
syn. *C. tristis* W.H. Edwards, 1864 <sup>111</sup>
- 930836 *Catocala herodias* Strecker, 1876  
ssp. *C. h. herodias* Strecker, 1876  
ssp. *C. h. gerhardi* Barnes & Benjamin, 1927
- 930837 *Catocala coccinata* Grote, 1872
- 930838 *Catocala verrilliana* Grote, 1875  
syn. *C. beutenmuelleri* Barnes & McDunnough, 1910 <sup>110</sup>
- 930839 *Catocala violenta* H. Edwards, 1880
- 930840 *Catocala ophelia* H. Edwards, 1880
- 930841 *Catocala ultronia* (Hübner, 1823)
- 930842 *Catocala miranda* H. Edwards, 1881
- 930843 *Catocala orba* Kusnezov, 1903
- 930844 *Catocala mira* Grote, 1876  
syn. *C. dana* Cassino, 1918 <sup>110</sup>

- 930845 *Catocala grynea* (Cramer, 1780)
- 930846 *Catocala crataegi* Saunders, 1876
- 930847 *Catocala praeclara* Grote & Robinson, 1866  
 ssp. *C. p. praeclara* Grote & Robinson, 1866  
 ssp. *C. p. manitoba* Beutenmüller, 1908 <sup>113</sup>  
 ssp. *C. p. charlottae* Brou, 1988 ‡ <sup>113</sup>
- 930848 *Catocala alabamae* Grote, 1875  
 syn. *C. olivia* H. Edwards, 1880 <sup>110</sup>  
 syn. *C. titania* Dodge, 1900 <sup>110</sup>
- 930849 *Catocala pretiosa* Lintner, 1876 <sup>120</sup>  
 ssp. *C. p. pretiosa* Lintner, 1876  
 ssp. *C. p. texarkana* Brower, 1976 <sup>113</sup>
- 930850 *Catocala lincolnana* Brower, 1976
- 930851 *Catocala blandula* Hulst, 1884  
 syn. *C. manitobensis* Cassino, 1918 <sup>110</sup>
- 930852 *Catocala dulciola* Grote, 1881
- 930853 *Catocala clintoni* Grote, 1864
- 930854 *Catocala grisatra* Brower, 1936
- 930855 *Catocala similis* W.H. Edwards, 1864
- 930856 *Catocala minuta* W.H. Edwards, 1864
- 930857 *Catocala micronympha* Guenée, 1852  
 syn. *C. fratercula* Grote & Robinson, 1866 <sup>111</sup>
- 930858 *Catocala connubialis* Guenée, 1852
- 930859 *Catocala amica* (Hübner, 1818)
- 930860 *Catocala lineella* Grote, 1872 <sup>121</sup>  
 syn. *C. nerissa* H. Edwards, 1880 <sup>110</sup>
- 930861 *Catocala jair* Strecker, 1897
- Tribe Melipotini Grote, 1895 <sup>122</sup>**
- 930862 *Phoberia atomaris* Hübner, 1818
- 930863 *Phoberia ingenua* (Walker, 1858) <sup>123</sup>
- 930864 *Cissusa spadix* (Cramer, 1780)
- 930865 *Cissusa mucronata* (Grote, 1883)
- 930866 *Cissusa indiscreta* (H. Edwards, 1886)  
 syn. *C. subtermina* (Smith, 1900) <sup>124</sup>
- 930867 *Cissusa valens* (H. Edwards, 1881)
- 930868 *Litocala sexsignata* (Harvey, 1875)
- 930869 *Melipotis perpendicularis* (Guenée, 1852)
- 930870 *Melipotis fasciolaris* (Hübner, 1823)
- 930871 *Melipotis indomita* (Walker, [1858])
- 930872 *Melipotis cellaris* (Guenée, 1852)
- 930873 *Melipotis nigrobasis* (Guenée, 1852)
- 930874 *Melipotis januaris* (Guenée, 1852)

- 930875 *Melipotis famelica* (Guenée, 1852)
- 930876 *Melipotis contorta* (Guenée, 1852)
- 930877 *Melipotis prolata* (Walker, [1858])
- 930878 *Melipotis jucunda* (Hübner, 1818)
- 930879 *Melipotis agrotoides* (Walker, [1858])
- 930880 *Melipotis novanda* (Guenée, 1852)
- 930881 *Melipotis acontoides* (Guenée, 1852)
- 930882 *Ianius mosca* (Dyar, 1910)
- 930883 *Panula inconstans* Guenée, 1852
- 930884 *Forsebia perlaeta* (H. Edwards, 1882)
- 930885 *Bulia deducta* (Morrison, 1875) <sup>125</sup>
- 930886 *Bulia similaris* Richards, 1936
- 930887 *Bulia schausi* Richards, 1936 <sup>126</sup>
- 930888 *Drasteria mirifica* (H. Edwards, 1878)
- 930889 *Drasteria hastingsii* (H. Edwards, 1878) <sup>127</sup>
- 930890 *Drasteria eubapta* Hampson, 1926
- 930891 *Drasteria graphica* Hübner, 1818
- 930892 *Drasteria occulta* (H. Edwards, 1881)
- 930893 *Drasteria ingeniculata* (Morrison, 1876)
- 930894 *Drasteria scrupulosa* H. Edwards, 1878 <sup>128</sup>
- 930895 *Drasteria inepta* H. Edwards, 1881
- 930896 *Drasteria sabulosa* H. Edwards, 1881  
syn. *D. nichollae* (Hampson, 1926) <sup>129</sup>
- 930897 *Drasteria biformata* H. Edwards, 1878
- 930898 *Drasteria ochracea* (Behr, 1870)
- 930899 *Drasteria edwardsii* (Behr, 1870)
- 930900 *Drasteria pallescens* (Grote & Robinson, 1866)
- 930901 *Drasteria fumosa* (Strecker, 1898)
- 930902 *Drasteria divergens* (Behr, 1870)
- 930903 *Drasteria convergens* Mustelin, 2006 ‡
- 930904 *Drasteria walshi* Metlevski, 2009 ‡
- 930905 *Drasteria petricola* (Walker, 1858)
- 930906 *Drasteria hudsonica* (Grote & Robinson, 1865)
- 930907 *Drasteria nubicola* (Behr, 1870)
- 930908 *Drasteria maculosa* (Behr, 1870)
- 930909 *Drasteria perplexa* (H. Edwards, 1884)
- 930910 *Drasteria adumbrata* (Behr, 1870)
- 930911 *Drasteria stretchii* (Behr, 1870)
- 930912 *Drasteria pulchra* (Barnes & McDunnough, 1918)
- 930913 *Drasteria howlandii* (Grote, 1865)
- 930914 *Drasteria tejonica* (Behr, 1870)
- 930915 *Drasteria grandirena* (Haworth, 1809)
- 930916 *Boryzops purissima* (Dyar, 1910)

- 930917 *Orodesma apicina* Herrich-Schäffer, 1868  
**Tribe Euclidiini Guenée, 1852** <sup>130</sup>
- 930918 *Callistege intercalaris* (Grote, 1882) <sup>131</sup>  
 930919 *Callistege diagonalis* (Dyar, 1898)  
 930920 *Callistege triangula* (Barnes & McDunnough, 1918)  
 930921 *Caenurgina annexa* (H. Edwards, 1890)  
 930922 *Caenurgina caerulea* (Grote, 1873)  
 930923 *Caenurgina crassiuscula* (Haworth, 1809)  
     syn. *C. distincta* (Neumögen, 1884) <sup>132</sup>  
 930924 *Caenurgina erechtea* (Cramer, 1780)  
 930925 *Doryodes bistrialis* (Geyer, 1832)  
 930926 *Doryodes grandipennis* Barnes & McDunnough, 1918  
 930927 *Doryodes spadaria* Guenée, [1858]  
 930928 *Doryodes tenuistriga* Barnes & McDunnough, 1918  
 930929 *Euclidia cuspea* (Hübner, 1818)  
 930930 *Euclidia arditia* Franclemont, 1957  
 930931 *Ptichodis vinculum* (Guenée, 1852)  
 930932 *Ptichodis herbarum* (Guenée, 1852)  
 930933 *Ptichodis immunis* (Guenée, 1852) <sup>133</sup>  
 930934 *Ptichodis bistrigata* Hübner, 1818  
 930935 *Ptichodis pacalis* (Walker, 1858)  
 930936 *Ptichodis ovalis* (Grote, 1883)  
 930937 *Ptichodis bucetum* (Grote, 1883)  
 930938 *Caenurgia chloropha* (Hübner, 1818)  
 930939 *Caenurgia togataria* (Walker, 1862)  
 930940 *Celiptera frustulum* Guenée, 1852  
 930941 *Celiptera valina* (Schaus, 1901)  
 930942 *Mocis latipes* (Guenée, 1852)  
 930943 *Mocis marcida* (Guenée, 1852)  
 930944 *Mocis texana* (Morrison, 1875)  
 930945 *Mocis disseverans* (Walker, 1858)  
 930946 *Mocis cubana* Hampson, 1913 <sup>133</sup>  
**Tribe Poaphilini Guenée, 1852** <sup>130</sup>
- 930947 *Argyrostroma herbicola* (Guenée, 1852)  
 930948 *Argyrostroma contempta* (Guenée, 1852)  
 930949 *Argyrostroma diffundens* (Walker, 1858)  
 930950 *Argyrostroma carolina* (Smith, 1905)  
 930951 *Argyrostroma flavistriaria* (Hübner, 1831)  
 930952 *Argyrostroma sylvarum* (Guenée, 1852)  
 930953 *Argyrostroma erasa* (Guenée, 1852)  
 930954 *Argyrostroma quadrifilaris* (Hübner, 1831)  
 930955 *Argyrostroma deleta* (Guenée, 1852)  
 930956 *Argyrostroma anilis* (Drury, 1773)  
 930957 *Neadysgonia similis* (Guenée, 1852) <sup>134</sup>

- 930958 *Neadysgonia consobrina* (Guenée, 1852)  
 930959 *Neadysgonia smithii* (Guenée, 1852)  
 930960 *Neadysgonia telma* Sullivan, 2010 ‡  
 930961 *Parallelia bistrariis* Hübner, 1818  
 930962 *Allotria elonympha* (Hübner, 1818)  
 930963 *Cutina albopunctella* Walker, 1866 <sup>135</sup>  
 930964 *Cutina distincta* (Grote, 1883)  
 930965 *Cutina aluticolor* Pogue & Ferguson, 1998 ‡  
 930966 *Cutina arcuata* Pogue & Ferguson, 1998 ‡  
 930967 *Focillidia texana* Hampson, 1913  
 930968 *Focillidia grenadensis* Hampson, 1913 <sup>136</sup>  
**Tribe Ophiusini Guenée, 1837 <sup>137</sup>**  
 930969 *Tyrissa multilinea* Barnes & McDunnough, 1913  
 930970 *Lesmone detrahens* (Walker, 1858)  
 930971 *Lesmone fufius* (Schaus, 1894)  
 930972 *Lesmone hinna* (Geyer, 1837)  
 930973 *Lesmone griseipennis* (Grote, 1882)  
 930974 *Lesmone formularis* (Geyer, 1837)  
 930975 *Epidromia lienaris* (Hübner, 1823) <sup>138</sup>  
 930976 *Epidromia pannosa* Guenée, 1852  
     syn. *E. poaphiloides* of authors, not (Guenée, 1852)  
 930977 *Epidromia rotundata* Herrich-Schäffer, 1869 <sup>138</sup>  
     syn. *E. fergusonii* Solis, 1986 ‡  
 930978 *Itomia opistographa* Guenée, 1852 <sup>139</sup>  
 930979 *Bendisodes aeolia* (Druce, 1890)  
 930980 *Helia agna* (Druce, 1890)  
 930981 *Selenisa sueroides* (Guenée, 1852)  
 930982 *Heteranassa mima* (Harvey, 1876)  
 930983 *Heteranassa fraterna* (Smith, 1899)  
     syn. *H. minor* (Smith, 1899) <sup>140</sup>  
 930984 *Elousa albicans* Walker, [1858] <sup>141</sup>  
 930985 *Coxina cinctipalpis* (Smith, 1899)  
 930986 *Coxina hadenoides* Guenée, 1852 <sup>142</sup>  
 930987 *Euclystis sytis* (Guenée, 1852)  
 930988 *Euclystis guerini* (Guenée, 1852)  
 930989 *Euclystis insana* (Guenée, 1852) <sup>142</sup>  
 930990 *Coenipeta bibitrix* (Hübner, 1823)  
 930991 *Coenipeta medina* Guenée, 1852 <sup>142</sup>  
 930992 *Metria amella* (Guenée, 1852)  
 930993 *Metria bilineata* (Smith, 1899)  
 930994 *Metria celia* (Cramer, 1782)  
 930995 *Kakopoda progenies* (Guenée, 1852)  
     syn. *K. cincta* Smith, 1900 <sup>143</sup>  
 930996 *Toxonprucha pardalis* (Smith, 1908)

- 930997 *Toxonprucha strigalis* (Smith, 1903)
- 930998 *Toxonprucha volucris* (Grote, 1883)
- 930999 *Toxonprucha repentis* (Grote, 1881)
- 931000 *Toxonprucha diffundens* (Walker, 1858) <sup>144</sup>
- 931001 *Toxonprucha crudelis* (Grote, 1882)
- 931002 *Toxonprucha clientis* (Grote, 1882)
- 931003 *Toxonprucha psegmapteryx* (Dyar, 1913)
- 931004 *Zaleops umbrina* (Grote, 1883)
- 931005 *Zaleops paresa* (Smith, 1906) <sup>145</sup>
- 931006 *Matigramma pulverilinea* Grote, 1872 <sup>146</sup>
- 931007 *Matigramma obscurior* Franclemont & Todd, 1983 ‡
- 931008 *Matigramma repentina* Franclemont, 1986 ‡
- 931009 *Matigramma rubrosuffusa* Grote, 1882
- 931010 *Matigramma inopinata* Franclemont, 1986 ‡
- 931011 *Matigramma emmilita* Franclemont, 1986 ‡
- 931012 *Matigramma adoceta* Franclemont, 1986 ‡
- 931013 *Acritogramma metaleuca* (Hampson, 1913) <sup>147</sup>
- 931014 *Acritogramma noctar* (Schaus, 1901) <sup>148</sup>
- 931015 *Pseudanthracia coracias* (Guenée, 1852)
- 931016 *Zale exhausta* (Guenée, 1852)
- 931017 *Zale peruncta* (Guenée, 1852) <sup>149</sup>
- 931018 *Zale viridans* (Guenée, 1852)
- 931019 *Zale strigimacula* (Guenée, 1852)
- 931020 *Zale obsita* (Guenée, 1852) <sup>150</sup>
- 931021 *Zale fictilis* (Guenée, 1852)
- 931022 *Zale sabena* (Schaus, 1901)
- 931023 *Zale lunata* (Drury, 1773)
- 931024 *Zale smithi* Haimbach, 1928
- 931025 *Zale declarans* (Walker, [1858])
- 931026 *Zale galbanata* (Morrison, 1876)
- 931027 *Zale edusina* (Harvey, 1875)
- 931028 *Zale chisosensis* A. Blanchard & Franclemont, 1982 ‡
- 931029 *Zale aeruginosa* (Guenée, 1852)
- 931030 *Zale undularis* (Drury, 1773)
- 931031 *Zale insuda* (Smith, 1908)
- 931032 *Zale minerea* (Guenée, 1852)
- 931033 *Zale phaeocapna* Franclemont, 1950
- 931034 *Zale obliqua* (Guenée, 1852)
- 931035 *Zale squamularis* (Drury, 1773)
- 931036 *Zale confusa* McDunnough, 1940
- 931037 *Zale submediana* Strand, 1917
- 931038 *Zale duplicata* (Bethune, 1865)
- 931039 *Zale helata* (Smith, 1908)

- 931040 *Zale bethunei* (Smith, 1908)
- 931041 *Zale buchholzi* McDunnough, 1943
- 931042 *Zale metatoides* McDunnough, 1943
- 931043 *Zale metata* (Smith, 1908)
- 931044 *Zale curema* (Smith, 1908)
- 931045 *Zale rubiata* (Smith, 1908)
- 931046 *Zale rubi* (H. Edwards, 1881)
- 931047 *Zale termina* (Grote, 1883)
- 931048 *Zale lunifera* (Hübner, 1818)
- 931049 *Zale intenta* (Walker, [1858])<sup>151</sup>
- 931050 *Zale calycanthata* (J.E. Smith, 1797)
- 931051 *Zale colorado* (Smith, 1908)
- 931052 *Zale unilineata* (Grote, 1876)
- 931053 *Zale horrida* Hübner, 1819
- 931054 *Zale perculata* Franclemont, 1964
- 931055 *Euparthenos nubilis* (Hübner, 1823)
- 931056 *Eubolina impartialis* Harvey, 1875
- 931057 *Ophisma tropicalis* Guenée, 1852
- 931058 *Mimophisma delunaris* (Guenée, 1852)
- 931059 *Achaea ablunaris* (Guenée, 1852)<sup>152</sup>
- 931060 *Amolita fessa* Grote, 1874<sup>153</sup>
- 931061 *Amolita obliqua* Smith, 1903
- 931062 *Amolita sentalis* (Kaye, 1901)
- 931063 *Amolita roseola* Smith, 1903
- 931064 *Amolita fratercula* Barnes & McDunnough, 1912
- 931065 *Amolita delicata* Barnes & McDunnough, 1912

**Subfamily Eulepidotinae Grote, 1985**<sup>154</sup>

**Tribe Eulepidotini Grote, 1985**

- 931066 *Eulepidotis addens* (Walker, 1858)<sup>155</sup>
- 931067 *Eulepidotis metamorpha* Dyar, 1914
- 931068 *Eulepidotis rectimargo* (Guenée, 1852)<sup>156</sup>
- 931069 *Eulepidotis electa* Dyar, 1914<sup>157</sup>
- 931070 *Eulepidotis micca* (Druce, 1889)<sup>158</sup>
- 931071 *Eulepidotis striaepuncta* (Herrich-Schäffer, 1868)<sup>159</sup>

**Tribe Panopodini Forbes, 1954**

- 931072 *Herminocala stigmaphiles* (Dyar, 1914)<sup>160</sup>
- 931073 *Obrima rinconada* Schaus, 1894
- 931074 *Obrima pyraloides* Walker, 1865<sup>161</sup>
- 931075 *Metallata absumens* (Walker, 1862)
- 931076 *Renodes curviluna* (Druce, 1890)<sup>162</sup>
- 931077 *Anticarsia gemmatalis* Hübner, 1818
- 931078 *Azeta repugnalis* (Hübner, 1825)

- 931079 *Azeta schausi* (Barnes & Benjamin, 1924)
- 931080 *Goniocarsia electrica* (Schaus, 1894)
- 931081 *Epitaua prona* (Möschler, 1880)
- 931082 *Epitaua copprii* (Guenée, 1852) <sup>162</sup>
- 931083 *Ephyrodes cacata* Guenée, 1852
- 931084 *Athyrra adjutrix* of authors, not (Cramer, 1780) <sup>163</sup>
- 931085 *Athyrra ganglio* of authors, not Hübner, [1831] <sup>163</sup>
- 931086 *Syllectra erycata* (Cramer, 1780)
- 931087 *Manbuta pyraliformis* (Walker, 1858) <sup>164</sup>
- 931088 *Massala obvertens* (Walker, 1858)
- 931089 *Panopoda rufimargo* (Hübner, 1818)
- 931090 *Panopoda carneicosta* Guenée, 1852
- 931091 *Panopoda repanda* (Walker, [1858])
- 931092 *Panopoda rigida* (Smith, 1903)

**Subfamily Eulepidotinae (*incertae sedis*) Group 1** <sup>165</sup>

- 931093 *Antiblemma rufinans* (Guenée, 1852)
- 931094 *Antiblemma filaria* (Smith, 1900)
- 931095 *Antiblemma concinnula* (Walker, 1865)

**Subfamily Eulepidotinae (*incertae sedis*) Group 2** <sup>165</sup>

- 931096 *Litoprosopus futilis* (Grote & Robinson, 1868)
- 931097 *Litoprosopus hatuey* (Poey, 1832)  
syn. *L. haitiensis* of authors, not Hampson, 1926 <sup>166</sup>
- 931098 *Litoprosopus bahamensis* Hampson, 1926
- 931099 *Litoprosopus coachella* Hill, 1921
- 931100 *Litoprosopus confligens* (Walker, [1858])

**Subfamily Eulepidotinae (*incertae sedis*) Group 3** <sup>165</sup>

- 931101 *Phyprosopus callitrichoides* Grote, 1872
- 931102 *Phyprosopus calligrapha* (Hampson, 1926)

**Family Euteliidae Grote, 1882** <sup>167</sup>

**Subfamily Euteliinae Grote, 1882**

- 931103 *Marathyssa inficita* (Walker, 1865)
- 931104 *Marathyssa basalis* Walker, 1865
- 931105 *Marathyssa minus* Dyar, 1921 stat. rev. <sup>168</sup>
- 931106 *Paectes oculatrix* (Guenée, 1852)
- 931107 *Paectes pygmaea* Hübner, 1818 <sup>169</sup>  
syn. *P. flabella* (Grote, 1879)
- 931108 *Paectes abrostolella* (Walker, 1866) <sup>169</sup>
- 931109 *Paectes burserae* (Dyar, 1901)

- 931110 *Paectes declinata* (Grote, 1879)
- 931111 *Paectes abrostoloides* (Guenée, 1852)
- 931112 *Paectes delineata* (Guenée, 1852)
- 931113 *Paectes lunodes* (Guenée, 1852) <sup>170</sup>
- 931114 *Paectes acutangula* Hampson, 1912
- 931115 *Paectes nubifera* Hampson, 1912
- 931116 *Paectes obrotunda* (Guenée, 1852)
- 931117 *Paectes arcigera* (Guenée, 1852)
- 931118 *Eutelia pulcherrimus* (Grote, 1865)
- 931119 *Eutelia pyrastis* Hampson, 1905 <sup>171</sup>  
syn. *E. furcata* of authors, not (Walker, 1865)
- 931120 *Eutelia furcata* (Walker, 1865) <sup>172</sup>

**Family Nolidae Bruand, 1846** <sup>173</sup>

**Subfamily Nolinae Bruand, 1846**

- 931121 *Meganola minuscula* (Zeller, 1872)
- 931122 *Meganola phylla* (Dyar, 1898) <sup>174</sup>
- 931123 *Meganola spodia* Franclemont, 1985 ‡
- 931124 *Meganola minor* Dyar, 1899
- 931125 *Meganola fuscata* (Grote, 1881)
- 931126 *Meganola dentata* Dyar, 1899
- 931127 *Meganola varia* (Barnes & Lindsey, 1921)
- 931128 *Meganola conspicua* Dyar, 1898
- 931129 *Nola pustulata* (Walker, 1865)
- 931130 *Nola cilicoides* (Grote, 1873)
- 931131 *Nola cereella* (Bosc, [1800])
- 931132 *Nola triquetra* (Fitch, 1856)
- 931133 *Nola minna* Butler, 1881
- 931134 *Nola aphyla* (Hampson, 1900)
- 931135 *Nola ovilla* Grote, 1875
- 931136 *Nola clethrae* Dyar, 1899
- 931137 *Nola lagunculariae* Dyar, 1901
- 931138 *Nola apera* Druce, 1897
- 931139 *Nola cucullatella* (Linnaeus, 1758) <sup>175</sup>
- 931140 *Cephalospargeta elongata* Möschler, 1890

**Subfamily Chloephorinae Stainton, 1859**

**Tribe Sarrothripini Hampson, 1894**

- 931141 *Garella nilotica* (Rogenhofer, 1881) <sup>176</sup>
- 931142 *Nycteola frigidana* (Walker, 1863) <sup>177</sup>
- 931143 *Nycteola columbiana* (H. Edwards, 1873)
- 931144 *Nycteola cinereana* Neumögen & Dyar, 1893

- 931145 *Nycteola metaspilella* (Walker, 1866)  
 syn. *N. scriptana* (Walker, 1863), homonym <sup>178</sup>
- 931146 *Nycteola fletcheri* Rindge, 1961
- 931147 *Iscadia aperta* Walker, 1857
- Subfamily Risobinae Mell, 1943**
- 931148 *Baileya doubledayi* (Guenée, 1852)
- 931149 *Baileya ophthalmica* (Guenée, 1852)
- 931150 *Baileya dormitans* (Guenée, 1852)
- 931151 *Baileya acadiana* Brou, 2004 ‡
- 931152 *Baileya levitans* (Smith, 1906)
- 931153 *Baileya ellessyoo* Brou, 2004 ‡
- 931154 *Baileya australis* (Grote, 1881)
- Subfamily Collomeninae Kitching & Rawlins, [1998]**
- 931155 *Motya abseuzalis* Walker, 1859
- 931156 *Collomena filifera* (Walker, 1857)
- 931157 *Concana mundissima* Walker, [1858]
- Subfamily Afridinae Kitching & Rawlins, [1998]**
- 931158 *Afrida ydatodes* Dyar, 1913
- 931159 *Afrida minuta* (Druce, 1885)
- 931160 “*Afrida*” *exegens* Dyar, 1922 <sup>179</sup>

## Family Noctuidae Latreille, 1809 <sup>180</sup>

### Subfamily Plusiinae Boisduval, [1828] <sup>181</sup>

#### Tribe Abrostolini Eichlin & Cunningham, 1978

- 931161 *Abrostola ovalis* Guenée, 1852
- 931162 *Abrostola urentis* Guenée, 1852
- 931163 *Abrostola parvula* Barnes & McDunnough, 1916
- 931164 *Abrostola microvalis* Ottolengui, 1919
- 931165 *Mouralia tinctoides* (Guenée, 1852)

#### Tribe Argyrogrammatini Eichlin & Cunningham, 1978

- 931166 *Argyrogramma verruca* (Fabricius, 1794)
- 931167 *Enigmogramma basigera* (Walker, 1865) <sup>182</sup>
- 931168 *Trichoplusia ni* (Hübner, [1803])
- 931169 *Ctenoplusia oxygramma* (Geyer, 1832) <sup>183</sup>
- 931170 *Chrysodeixis includens* (Walker, [1858]) <sup>184</sup>
- 931171 *Chrysodeixis eriosoma* (Doubleday, 1843) <sup>185</sup>

#### Tribe Plusiini Boisduval, [1828]

#### Subtribe Autoplusiina Kitching, 1987 ‡

- 931172 *Autoplusia egena* (Guenée, 1852)
- 931173 *Autoplusia olivacea* (Skinner, 1917)
- 931174 *Autoplusia egenoides* (Strand, 1917)

- 931175 *Notioplusia illustrata* (Guenée, 1852) <sup>186</sup>  
 931176 *Rachiplusia ou* (Guenée, 1852)  
**Subtribe Euchalciina Chou & Lu, 1979**  
 931177 *Allagrapha aerea* (Hübner, [1803])  
 931178 *Diachrysia aereoides* (Grote, 1864)  
 931179 *Diachrysia balluca* Geyer, 1832  
 931180 *Euchalcia albavitta* (Ottolengui, 1902)  
 931181 *Euchalcia borealis* Lafontaine & Poole, 1991 ‡  
 931182 *Polychrysia esmeralda* (Oberthür, 1880) <sup>187</sup>  
     syn. *P. moneta* of authors, not (Fabricius, 1787)  
 931183 *Polychrysia morigera* (H. Edwards, 1886)  
 931184 *Pseudeva purpurigera* (Walker, 1858)  
 931185 *Pseudeva palligera* (Grote, 1881)  
 931186 *Chrysanympa formosa* (Grote, 1865)  
 931187 *Eosphoropteryx thyatyroides* (Guenée, 1852)  
 931188 *Exyra fax* (Grote, 1873) <sup>188</sup>  
     syn. *E. rolandiana* (Grote, 1875) <sup>189</sup>  
 931189 *Exyra semicrocea* (Guenée, 1852)  
 931190 *Exyra ridingsii* (Riley, 1874)  
**Subtribe Plusiina Boisduval, [1828]**  
 931191 *Autographa precationis* (Guenée, 1852)  
 931192 *Autographa gamma* (Linnaeus, 1758) <sup>190</sup>  
 931193 *Autographa californica* (Speyer, 1875)  
 931194 *Autographa mappa* (Grote & Robinson, 1868)  
 931195 *Autographa buraetica* (Staudinger, 1892) <sup>191</sup>  
 931196 *Autographa pseudogamma* (Grote, 1875)  
 931197 *Autographa v-alba* Ottolengui, 1902  
 931198 *Autographa speciosa* Ottolengui, 1902  
 931199 *Autographa flavida* Lafontaine & Dickel, 2004 ‡  
 931200 *Autographa bimaculata* (Stephens, 1830)  
 931201 *Autographa corusca* (Strecker, 1885)  
 931202 *Autographa labrosa* (Grote, 1875)  
 931203 *Autographa metallica* (Grote, 1875)  
 931204 *Autographa ampla* (Walker, [1858])  
 931205 *Autographa pasiphaeia* (Grote, 1873)  
 931206 *Autographa rubidus* Ottolengui, 1902  
 931207 *Autographa sansoni* Dod, 1910  
 931208 *Autographa flagellum* (Walker, [1858])  
 931209 *Megalographa biloba* (Stephens, 1830) <sup>192</sup>  
 931210 *Syngrapha altera* (Ottolengui, 1902)  
 931211 *Syngrapha ottolenguii* (Dyar, 1903) <sup>193</sup>  
 931212 *Syngrapha octoscripta* (Grote, 1874)  
 931213 *Syngrapha viridisigma* (Grote, 1874)

- 931214 *Syngrapha selecta* (Walker, [1858])
- 931215 *Syngrapha epigaea* (Grote, 1875)
- 931216 *Syngrapha interrogationis* (Linnaeus, 1758)
- 931217 *Syngrapha u-aureum* (Guenée, 1852)
- 931218 *Syngrapha surena* (Grote, 1882)
- 931219 *Syngrapha diasema* (Boisduval, 1828)
- 931220 *Syngrapha borea* (Aurivillius, 1890)  
syn. *S. lula* Strand, 1917 <sup>194</sup>
- 931221 *Syngrapha orophila* Hampson, 1908
- 931222 *Syngrapha sackenii* (Grote, 1877)  
syn. *S. snowi* (H. Edwards, 1884) <sup>194</sup>
- 931223 *Syngrapha ignea* (Grote, 1863)
- 931224 *Syngrapha abstrusa* Eichlin & Cunningham, 1978
- 931225 *Syngrapha alias* (Ottolengui, 1902)
- 931226 *Syngrapha cryptica* Eichlin & Cunningham, 1978
- 931227 *Syngrapha rectangula* (W. Kirby, 1837)
- 931228 *Syngrapha angulidens* (Smith, 1891)
- 931229 *Syngrapha celsa* (H. Edwards, 1881)
- 931230 *Syngrapha microgamma* (Hübner, 1823)
- 931231 *Syngrapha montana* (Packard, 1869)
- 931232 *Syngrapha alticola* (Walker, [1858]) <sup>195</sup>
- 931233 *Syngrapha parilis* (Hübner, [1809])
- 931234 *Anagrapha falcifera* (W. Kirby, 1837)
- 931235 *Plusia venusta* Walker, 1865
- 931236 *Plusia putnami* Grote, 1873
- 931237 *Plusia nichollae* (Hampson, 1913)
- 931238 *Plusia magnimacula* D. & L. Handfield, 2006 ‡
- 931239 *Plusia contexta* Grote, 1873

#### **Subfamily Bagisarinae Crumb, 1956 <sup>196</sup>**

- 931240 *Bagisara repanda* (Fabricius, 1793)
- 931241 *Bagisara rectifascia* (Grote, 1874)
- 931242 *Bagisara pacifica* Schaus, 1911
- 931243 *Bagisara demura* Dyar, 1913
- 931244 *Bagisara buxea* (Grote, 1881)
- 931245 *Bagisara oula* Dyar, 1913
- 931246 *Bagisara albicosta* Schaus, 1911
- 931247 *Bagisara gulnare* (Strecker, 1880)
- 931248 *Bagisara praecelsa* Ferguson, 1997 ‡
- 931249 *Bagisara laverna* (Druce, 1889) <sup>197</sup>
- 931250 *Bagisara tristicta* (Hampson, 1898)
- 931251 *Bagisara brouana* Ferguson, 1997 ‡
- 931252 *Amyna bullula* (Grote, 1873) <sup>198</sup>

- 931253 *Amyna axis* Guenée, 1852 <sup>199</sup>  
syn. *A. octo* (Guenée, 1852)

**Subfamily Cydosiinae Kitching & Rawlins, [1998] <sup>200</sup>**

- 931254 *Cydosia aurivitta* Grote & Robinson, 1868  
931255 *Cydosia nobilitella* (Cramer, 1780)  
931256 *Cydosia curvinella* Guenée, 1879  
syn. *C. phaedra* Druce, 1897 <sup>201</sup>

**Subfamily Eustrotiinae Grote, 1882 <sup>202</sup>**

- 931257 *Tripudia damozela* (Dyar, 1914) <sup>203</sup>  
syn. *T. inquaesita* (Barnes & Benjamin, 1924)  
931258 *Tripudia munna* (Dyar, 1916) <sup>204</sup>  
931259 *Tripudia chihuahua* A. Blanchard & Knudson, 1984 ‡  
931260 *Tripudia quadrifera* (Zeller, 1874) <sup>205</sup>  
931261 *Tripudia rectangula* Pogue, 2009 ‡  
931262 *Tripudia grapholithoides* (Möschler, 1890)  
931263 *Tripudia lamina* Pogue, 2009 ‡  
931264 *Tripudia balteata* Smith, 1900  
931265 *Tripudia luda* (Druce, 1898)  
931266 *Tripudia dimidata* (Smith, 1905)  
931267 *Tripudia luxuriosa* Smith, 1900  
931268 *Tripudia flavofasciata* Grote, 1877  
931269 *Tripudia versutus* (H. Edwards, 1881) <sup>206</sup>  
931270 *Tripudia goyanensis* (Hampson, 1910) <sup>207</sup>  
syn. *T. olivacea* (Grossbeck, 1917)  
931271 *Tripudia limbatus* (H. Edwards, 1881)  
931272 *Cobubatha metaspilaris* Walker, 1863  
syn. *C. punctifinis* Hampson, 1910 <sup>208</sup>  
931273 *Cobubatha ochrocraspis* Hampson, 1910 <sup>209</sup>  
931274 *Cobubatha numa* (Druce, 1889)  
931275 *Cobubatha lixiva* (Grote, 1882) <sup>210</sup>  
syn. *C. basicinerea* (Grote, 1882)  
syn. *C. lixinites* (Dyar, 1912)  
931276 *Cobubatha orthozona* (Hampson, 1910) <sup>211</sup>  
syn. *C. antonita* (Dyar, 1911)  
syn. *C. victrix* (Dyar, 1912)  
931277 *Cobubatha dividua* (Grote, 1879)  
931278 *Cobubatha hippotes* (Druce, 1889)  
931279 *Cobubatha ipilla* Dyar, 1916 <sup>212</sup>  
syn. *C. rustica* Dyar, 1918  
931280 *Cobubatha megaplaga* (Dyar, 1912) <sup>213</sup>

- 931281 *Phoenicophanta bicolor* Barnes & McDunnough, 1916  
 931282 *Phoenicophanta modestula* Dyar, 1924  
 931283 *Amiana niama* Dyar, 1904  
 931284 *Marimatha nigrofimbria* (Guenée, 1852) <sup>214</sup>  
 931285 *Marimatha squala* Ferris & Lafontaine, 2010 ‡  
 931286 *Marimatha quadrata* Ferris & Lafontaine, 2010 ‡  
 931287 *Marimatha tripuncta* (Möschler, 1890) <sup>215</sup>  
     syn. *M. aurifera* of authors, not (Walker, [1858])  
 931288 *Marimatha piscimala* Ferris & Lafontaine, 2010 ‡  
 931289 *Deltote bellicula* (Hübner, 1818) <sup>216</sup>  
 931290 *Protodeltote muscosa* (Guenée, 1852) <sup>217</sup>  
 931291 *Protodeltote albidula* (Guenée, 1852)  
 931292 “*Lithacodia*” *musta* (Grote & Robinson, 1868) <sup>218</sup>  
 931293 “*Lithacodia*” *costaricana* of authors, not Franclemont & Todd, 1983 <sup>219</sup>  
 931294 “*Lithacodia*” *phya* (Druce, 1889) <sup>220</sup>  
     syn. “*L.*” *penthis* of authors, not (Schaus, 1904)  
 931295 *Maliattha synochitis* (Grote & Robinson, 1868) <sup>221</sup>  
 931296 *Maliattha concinnimacula* (Guenée, 1852) <sup>221</sup>  
 931297 *Capis curvata* Grote, 1882  
 931298 *Capis archaia* L. & D. Handfield, 2006 ‡  
 931299 *Argillophora furcilla* Grote, 1873

#### **Subfamily Eustrotiinae (*incertae sedis*) <sup>222</sup>**

- 931300 *Neotarache deserticola* Barnes & Benjamin, 1922  
 931301 *Cerathosia tricolor* Smith, 1887  
 931302 *Ozarba aerea* (Grote, 1881)  
     syn. *O. fannia* (Druce, 1889) <sup>223</sup>  
 931303 *Ozarba propera* (Grote, 1882)  
 931304 *Ozarba catilina* (Druce, 1889)  
 931305 *Ozarba nebula* Barnes & McDunnough, 1918

#### **Subfamily Acontiinae Guenée, 1841 <sup>224</sup>**

##### **Tribe Acontiini Guenée, 1841**

- 931306 *Ponometia albitermen* (Barnes & McDunnough, 1916) <sup>225</sup>  
 931307 *Ponometia bicolorata* (Barnes & McDunnough, 1912)  
 931308 *Ponometia semiflava* (Guenée, 1852)  
 931309 *Ponometia septuosa* (A. Blanchard & Knudson, 1986) ‡  
 931310 *Ponometia clausula* (Grote, 1883)  
 931311 *Ponometia venustula* (Walker, 1865)  
 931312 *Ponometia virginalis* (Grote, 1881)  
 931313 *Ponometia binocula* (Grote, 1875)  
 931314 *Ponometia candefacta* (Hübner, 1831)  
 931315 *Ponometia dorneri* (Barnes & McDunnough, 1913)

- 931316 *Ponometia huita* (Smith, 1903)
- 931317 *Ponometia heonyx* (Dyar, 1913)
- 931318 *Ponometia cuta* (Smith, 1905)
- 931319 *Ponometia erastrionides* (Guenée, 1852)
- 931320 *Ponometia libedis* (Smith, 1900)
- 931321 *Ponometia nannodes* (Hampson, 1910)
- 931322 *Ponometia phecolisca* (Druce, 1889)
- 931323 *Ponometia alata* (Smith, 1905)
- 931324 *Ponometia albimargo* (Barnes & McDunnough, 1916)
- 931325 *Ponometia parvula* (Walker, 1865)
- 931326 *Ponometia tortricina* (Zeller, 1872)
- 931327 *Ponometia fumata* (Smith, 1905) <sup>226</sup>
- 931328 *Ponometia nigra* (Mustelin, 2006) ‡
- 931329 *Ponometia fasciatella* (Grote, 1975) <sup>225</sup>
- 931330 *Ponometia hutsoni* (Smith, 1906)
- 931331 *Ponometia pulchra* (Barnes & McDunnough, 1910)
- 931332 *Ponometia acutus* (Smith, 1905) <sup>225</sup>  
syn. *P. catalina* (Smith, 1906) <sup>227</sup>
- 931333 *Ponometia altera* (Smith, 1903)
- 931334 *Ponometia elegantula* (Harvey, 1876) <sup>228</sup>  
syn. *P. arizonae* (H. Edwards, 1878)  
syn. *P. rectangula* (McDunnough, 1943)
- 931335 *Ponometia exigua* (Fabricius, 1793) <sup>225</sup>
- 931336 *Ponometia macdunnoughi* (Barnes & Benjamin, 1923)
- 931337 *Ponometia megocula* (Smith, 1900)
- 931338 *Ponometia tripartita* (Smith, 1903)
- 931339 *Ponometia sutrix* (Grote, 1880)
- 931340 *Tarache apela* (Druce, 1889) <sup>229</sup>
- 931341 *Tarache tenuicula* Morrison, 1875
- 931342 *Tarache sutor* (Hampson, 1910)
- 931343 *Tarache aprica* (Hübner, [1808])
- 931344 *Tarache assimilis* (Grote, 1875)
- 931345 *Tarache abdominalis* Grote, 1877
- 931346 *Tarache knowltoni* (McDunnough, 1940)
- 931347 *Tarache flavipennis* Grote, 1873
- 931348 *Tarache lagunae* (Mustelin & Leuschner, 2000) ‡
- 931349 *Tarache delecta* (Walker, [1858])
- 931350 *Tarache lactipennis* Harvey, 1875
- 931351 *Tarache terminimaculata* Grote, 1873
- 931352 *Tarache dacia* (Druce, 1889)
- 931353 *Tarache quadriplaga* (Smith, 1900)  
syn. *T. alessandra* (Smith, 1903) <sup>230</sup>
- 931354 *Tarache tetragona* (Walker, [1858])

- 931355 *Tarache areloides* Barnes & McDunnough, 1912  
 931356 *Tarache areli* (Strecker, 1898) <sup>231</sup>  
 931357 *Tarache albifusa* (Ferris & Lafontaine, 2009) ‡  
 931358 *Tarache toddi* (Ferris & Lafontaine, 2009) ‡  
 931359 *Tarache geminocula* (Ferris & Lafontaine, 2009) ‡  
 931360 *Tarache arida* (Smith, 1900)  
 931361 *Tarache bella* Barnes & Benjamin, 1922  
 931362 *Tarache cora* Barnes & McDunnough, 1918  
 931363 *Tarache expolita* Grote, 1882  
 931364 *Tarache idella* (Barnes, 1905) <sup>229</sup>  
 931365 *Tarache augustipennis* Grote, 1875 <sup>229</sup>  
     syn. *T. flavicosta* (Smith, 1908) <sup>232</sup>  
 931366 *Tarache huachuca* (Smith, 1903)  
     syn. *T. orba* (Smith, 1903) <sup>233</sup>  
 931367 *Tarache sedata* H. Edwards, 1881  
 931368 *Tarache acerba* (H. Edwards, 1881) <sup>234</sup>  
     syn. *T. acerboides* (Poole, 1989) ‡  
 931369 *Tarache axendra* Schaus, 1898 <sup>235</sup>  
     syn. *T. disconnecta* of authors, not (Smith, 1903)  
 931370 *Tarache bilimeki* (Felder & Rogenhofer, 1874)  
     syn. *T. disconnecta* (Smith, 1903) <sup>235</sup>  
 931371 *Tarache major* (Smith, 1900)  
 931372 *Tarache lanceolata* Grote, 1879  
 931373 *Tarache lucasi* (Smith, 1900)  
 931374 *Acontia behrii* Smith, 1900 <sup>236</sup>  
 931375 *Acontia cretata* (Grote & Robinson, 1870)  
 931376 *Acontia chea* Druce, 1889  
     syn. *A. eudryada* Smith, 1905 <sup>237</sup>  
 931377 *Acontia jaliscana* (Schaus, 1898) <sup>238</sup>  
 931378 *Acontia coquillettii* Smith, 1900  
 931379 *Eusceptis flavifrimbriata* Todd, 1971  
 931380 *Pseudalypia crotchii* H. Edwards, 1874  
 931381 *Spragueia magnifica* Grote, 1883  
 931382 *Spragueia dama* (Guenée, 1852)  
 931383 *Spragueia cleta* (Druce, 1889)  
 931384 *Spragueia perstructana* (Walker, 1865)  
 931385 *Spragueia guttata* Grote, 1875  
 931386 *Spragueia onagrus* (Guenée, 1852)  
 931387 *Spragueia leo* (Guenée, 1852)  
 931388 *Spragueia jaguaralis* Hampson, 1910  
 931389 *Spragueia funeralis* Grote, 1881  
 931390 *Spragueia obatra* (Morrison, 1875)  
 931391 *Spragueia apicalis* (Herrich-Schäffer, 1868)

931392 *Spragueia margana* (Fabricius, 1794)

**Subfamily Pantheinae Smith, 1898** <sup>239</sup>

931393 *Panthea apanthea* Anweiler, 2009 ‡ <sup>240</sup>

931394 *Panthea judyae* Anweiler, 2009 ‡

931395 *Panthea gigantea* (French, 1890)

931396 *Panthea furcilla* (Packard, 1864) <sup>241</sup>

ssp. *P. f. furcilla* (Packard, 1864)

syn. *P. pallescens* McDunnough, 1937

syn. *P. pallescens centralis* McDunnough, 1942

ssp. *P. f. australis* Anweiler, 2009 ‡

931397 *Panthea greyi* Anweiler, 2009 ‡

931398 *Panthea acronyctoides* (Walker, 1861)

ssp. *P. a. acronyctoides* (Walker, 1861)

syn. *P. acronyctoides albosuffusa* McDunnough, 1937

ssp. *P. a. nigra* Anweiler, 2009 ‡

931399 *Panthea virginarius* (Grote, 1880) <sup>241</sup>

syn. *P. portlandia* Grote, 1896

syn. *P. angelica* (Dyar, 1921)

syn. *P. portlandia suffusa* McDunnough, 1942

931400 *Colocasia flavicornis* (Smith, 1884)

931401 *Colocasia propinquilinea* (Grote, 1873)

931402 *Pseudopanthea palata* (Grote, 1880)

931403 *Lichnoptera decora* (Morrison, 1875)

931404 *Charadra franclemonti* Anweiler & Schmidt, 2010 ‡ <sup>242</sup>

931405 *Charadra tapa* Schmidt & Anweiler, 2010 ‡

syn. *C. pata* of authors, not (Druce, 1894)

931406 *Charadra deridens* (Guenée, 1852)

syn. *C. ingenua* Smith, 1906 <sup>243</sup>

931407 *Charadra moneta* Schmidt & Anweiler, 2010 ‡

931408 *Charadra dispulsa* Morrison, 1875

931409 *Meleneta antennata* Smith, 1908

**Subfamily Diphtherinae Fibiger & Lafontaine, 2005** ‡ <sup>244</sup>

931410 *Diphthera festiva* (Fabricius, 1775)

**Subfamily Dilobinae Aurivillius, 1889** <sup>245</sup>

931411 *Raphia abrupta* Grote, 1864 <sup>246</sup>

931412 *Raphia frater* Grote, 1864 <sup>247</sup>

syn. *R. coloradensis* Putnam-Cramer, 1886

931413 *Raphia pallula* H. Edwards, 1886 <sup>248</sup>

931414 *Raphia elbea* Smith, 1908 <sup>248</sup>

931415 *Raphia cinderella* Smith, 1903 <sup>249</sup>

931416 *Raphia piazzzi* Hill, 1927 <sup>249</sup>

**Subfamily Balsinae Grote, 1896 <sup>250</sup>**

931417 *Balsa malana* (Fitch, 1856)

931418 *Balsa tristrigella* (Walker, 1866)

931419 *Balsa labecula* (Grote, 1880)

**Subfamily Acronictinae Heinemann, 1859**

931420 *Acronicta rubricoma* Guenée, 1852

931421 *Acronicta americana* (Harris, 1841)

931422 *Acronicta hastulifera* (J.E. Smith, 1797)

931423 *Acronicta insita* Walker, 1856

931424 *Acronicta dactylina* Grote, 1874 <sup>251</sup>

syn. *A. hesperida* Smith, 1897

931425 *Acronicta lepusculina* Guenée, 1852

931426 *Acronicta cyanescens* Guenée, 1852 <sup>252</sup>

931427 *Acronicta vulpina* Guenée, 1852 <sup>253</sup>

syn. *A. leporina* of authors, not Linnaeus, 1758

931428 *Acronicta innotata* Guenée, 1852

931429 *Acronicta betulae* Riley, 1884

931430 *Acronicta radcliffei* (Harvey, 1875)

931431 *Acronicta tota* (Grote, 1879)

931432 *Acronicta tritona* (Hübner, 1818)

931433 *Acronicta grisea* Walker, 1856 <sup>251</sup>

syn. *A. tartarea* Smith, 1903

931434 *Acronicta falcula* (Grote, 1877) <sup>254</sup>

syn. *A. parallela* (Grote, 1879)

syn. *A. mansueta* Smith, 1897

931435 *Acronicta exempta* Dyar, 1922

931436 *Acronicta connecta* Grote, 1873

931437 *Acronicta rapidan* (Dyar, 1912)

931438 *Acronicta funeralis* Grote & Robinson, 1866

931439 *Acronicta paupercula* Grote, 1874

931440 *Acronicta lepetita* Smith, 1908

931441 *Acronicta quadrata* Grote, 1874

931442 *Acronicta vinnula* (Grote, 1864)

931443 *Acronicta superans* Guenée, 1852

931444 *Acronicta laetifica* Smith, 1897

931445 *Acronicta hasta* Guenée, 1852

syn. *A. furcifera* Guenée, 1852 <sup>255</sup>

931446 *Acronicta thoracica* (Grote, 1880)

931447 *Acronicta strigulata* Smith, 1897

931448 *Acronicta browni* Mustelin & Leuschner, 2000 ‡

- 931449 *Acronicta atristrigatus* (Smith, 1900)
- 931450 *Acronicta theodora* Schaus, 1894
- 931451 *Acronicta beameri* Todd, 1958
- 931452 *Acronicta spinigera* Guenée, 1852
- 931453 *Acronicta morula* Grote & Robinson, 1868
- 931454 *Acronicta interrupta* Guenée, 1852
- 931455 *Acronicta lobeliae* Guenée, 1852
- 931456 *Acronicta perblanda* Ferguson, [1989] ‡
- 931457 *Acronicta valliscola* A. Blanchard, 1968
- 931458 *Acronicta fragilis* (Guenée, 1852)
- 931459 *Acronicta heitzmani* Covell & Metzler, 1992 ‡
- 931460 *Acronicta clarescens* Guenée, 1852  
syn. *A. pruni* Harris, 1869 <sup>255</sup>
- 931461 *Acronicta hamamelis* Guenée, 1852  
syn. *A. subochrea* Grote, 1874 <sup>255</sup>
- 931462 *Acronicta albarufa* Grote, 1874
- 931463 *Acronicta ovata* Grote, 1873
- 931464 *Acronicta exilis* Grote, 1874
- 931465 *Acronicta modica* Walker, 1856
- 931466 *Acronicta haesitata* (Grote, 1882)
- 931467 *Acronicta increta* Morrison, 1974 <sup>256</sup>
- 931468 *Acronicta inclara* Smith, 1900
- 931469 *Acronicta tristis* Smith, 1911
- 931470 *Acronicta retardata* (Walker, 1861)  
syn. *A. caesarea* Smith, 1905 <sup>255</sup>
- 931471 *Acronicta afflicta* Grote, 1864
- 931472 *Acronicta brumosa* Guenée, 1852
- 931473 *Acronicta marmorata* Smith, 1897
- 931474 *Acronicta impleta* Walker, 1856
- 931475 *Acronicta sperata* Grote, 1873
- 931476 *Acronicta noctivaga* Grote, 1864
- 931477 *Acronicta impressa* Walker, 1856 <sup>257</sup>  
syn. *A. acla* (Benjamin, 1933)  
syn. *A. distans* (Grote, 1879)
- 931478 *Acronicta longa* Guenée, 1852
- 931479 *Acronicta extricata* (Grote, 1882)
- 931480 *Acronicta lithospila* Grote, 1874
- 931481 *Acronicta barnesii* Smith, 1897
- 931482 *Acronicta perdita* Grote, 1874
- 931483 *Acronicta edolata* (Grote, 1881)
- 931484 *Acronicta othello* Smith, 1908
- 931485 *Acronicta oblinita* (J.E. Smith, 1797)  
syn. *A. arioch* Strecker, 1898 <sup>258</sup>
- 931486 *Acronicta sinescripta* Ferguson, [1989] ‡

- 931487 *Acronicta sagittata* McDunnough, 1940  
 931488 *Acronicta lanceolaria* (Grote, 1875)  
 931489 *Acronicta lupini* Grote, 1873<sup>259</sup>  
     syn. *A. ursina* (Smith, 1898)<sup>260</sup>  
     syn. *A. atlinensis* (Barnes & Benjamin, 1927)  
 931490 *Acronicta australis* (Mustelin & Leuschner, 2000) ‡  
 931491 *Acronicta spinea* (Grote, 1876)  
 931492 *Acronicta dolli* (Barnes & McDunnough, 1918)  
 931493 *Simyra insularis* (Herrich-Schäffer, 1868)  
     syn. *S. henrici* (Grote, 1873)<sup>261</sup>  
 931494 *Agriopodes fallax* (Herrich-Schäffer, 1854)  
 931495 *Agriopodes geminata* (Smith, 1903)  
 931496 *Agriopodes tybo* (Barnes, 1904)  
 931497 *Polygrammate hebraeicum* Hübner, 1818  
 931498 *Harrisimemna trisignata* (Walker, 1856)  
 931499 *Comachara cadburyi* Franclemont, 1939<sup>262</sup>  
 931500 *Cerma cora* Hübner, 1818<sup>263</sup>  
 931501 *Cerma cerintha* (Treitschke, 1826)  
 931502 *Cerma sirius* (Barnes & McDunnough, 1918)

**Subfamily Metoponiinae Herrich-Schäffer, [1851]<sup>264</sup>**

- 931503 *Tyta luctuosa* ([Denis & Schiffermüller], 1775)<sup>265</sup>

**Subfamily Cuculliinae Herrich-Schäffer, [1850]<sup>266</sup>**

- 931504 *Cucullia asteroides* Guenée, 1852  
 931505 *Cucullia montanae* Grote, 1882  
 931506 *Cucullia similaris* Smith, 1892  
 931507 *Cucullia omissa* Dod, 1916  
 931508 *Cucullia florea* Guenée, 1852  
     syn. *C. obscurior* Guenée, 1852<sup>267</sup>  
 931509 *Cucullia postera* Guenée, 1852  
 931510 *Cucullia lilacina* Schaus, 1898  
 931511 *Cucullia eucaena* Dyar, 1919  
 931512 *Cucullia oribac* Barnes, 1904  
     syn. *C. arizona* Smith, 1905<sup>268</sup>  
 931513 *Cucullia convexipennis* Grote & Robinson, 1868  
 931514 *Cucullia intermedia* Speyer, 1870  
 931515 *Cucullia umbratica* (Linnaeus, 1758)<sup>269</sup>  
 931516 *Cucullia speyeri* Lintner, 1874  
 931517 *Cucullia styx* Poole, 1995 ‡  
 931518 *Cucullia dorsalis* Smith, 1892<sup>270</sup>  
 931519 *Cucullia laetifica* Lintner, 1875  
 931520 *Cucullia lethe* Poole, 1995 ‡

- 931521 *Cucullia charon* Poole, 1995 ‡  
 931522 *Cucullia alfarata* Strecker, 1898  
 931523 *Cucullia eccissica* Dyar, 1919 <sup>271</sup>  
 931524 *Cucullia antipoda* Strecker, 1878 <sup>272</sup>  
     syn. *C. luteodisca* (Smith, 1909) <sup>268</sup>  
 931525 *Cucullia eureka* Poole, 1995 ‡  
 931526 *Cucullia incresa* (Smith, 1910)  
     syn. *C. jemezensis* (Dyar, 1922) <sup>268</sup>  
 931527 *Cucullia heinrichi* Barnes & Benjamin, 1924  
 931528 *Cucullia astigma* (Smith, 1894)  
 931529 *Cucullia eulepis* (Grote, 1876)  
 931530 *Cucullia cucullioides* (Barnes & Benjamin, 1923)  
 931531 *Cucullia basipuncta* (Barnes & McDunnough, 1918)  
 931532 *Cucullia mcdunnoughi* (Henne, 1940)  
 931533 *Cucullia luna* Morrison, 1875 <sup>273</sup>  
 931534 *Cucullia serraticornis* Lintner, 1874 <sup>274</sup>  
     syn. *C. solidaginis* (Strecker, 1874) <sup>275</sup>  
 931535 *Cucullia comstocki* (McDunnough, 1937)  
 931536 *Cucullia strigata* (Smith, 1892)  
     syn. *C. brucei* (Smith, 1903) <sup>268</sup>  
     syn. *C. ketchikana* (Barnes & Benjamin, 1922) <sup>268</sup>  
 931537 *Cucullia albida* Smith, 1894  
     syn. *C. albicinerea* (Smith, 1903) <sup>268</sup>  
 931538 *Cucullia pulla* (Grote, 1881) <sup>276</sup>  
     syn. *C. spauldingi* (Barnes & Benjamin, 1922) <sup>277</sup>  
 931539 *Cucullia dammersi* (McDunnough, 1935)  
 931540 *Dolocucullia dentilinea* (Smith, 1899) <sup>278</sup>  
 931541 *Dolocucullia minor* (Barnes & McDunnough, 1913)  
 931542 *Opsigalea blanchardi* Todd, 1966  
 931543 *Emariannia cucullidea* Benjamin, 1933

**Subfamily Amphipyridae Guenée, 1837 <sup>279</sup>**

**Tribe Amphipyridini Guenée, 1837**

- 931544 *Amphipyra pyramidoides* Guenée, 1852  
 931545 *Amphipyra tragopoginis* (Clerck, 1759)  
 931546 *Amphipyra glabella* (Morrison, 1874)  
 931547 *Amphipyra brunneoatra* Strand, 1916

**Tribe Psaphidini Grote, 1896 <sup>280</sup>**

**Subtribe Psaphidina Grote, 1896**

- 931548 *Psaphida resumens* Walker, 1865 <sup>281</sup>  
 931549 *Psaphida thaxterianus* (Grote, 1874)  
 931550 *Psaphida rolandi* Grote, 1874  
 931551 *Psaphida grandis* Smith, 1898

- 931552 *Psaphida electilis* (Morrison, 1875) <sup>281</sup>  
 931553 *Psaphida styracis* (Guenée, 1852) <sup>281</sup>  
 931554 *Psaphida damalis* (Grote, 1879)  
 931555 *Pseudocopivaleria sonoma* (McDunnough, 1941)  
 931556 *Pseudocopivaleria anaverta* Buckett & Bauer, 1966  
 931557 *Copivaleria grotei* (Morrison, 1874)  
 931558 *Brachionycha borealis* (Smith, 1899)  
 931559 *Pleromella opter* Dyar, 1921  
 931560 *Provia argentata* Barnes & McDunnough, 1910  
**Subtribe Feraliina Poole, 1995 ‡ <sup>282</sup>**  
 931561 *Feralia jocosa* (Guenée, 1852)  
 931562 *Feralia deceptiva* McDunnough, 1920  
 931563 *Feralia major* Smith, 1890  
 931564 *Feralia comstocki* (Grote, 1874)  
 931565 *Feralia februalis* Grote, 1874  
 931566 *Feralia meadowsi* Buckett, 1968  
 931567 *Miracavira brillians* (Barnes, 1901) <sup>283</sup>  
 931568 *Miracavira sylvia* (Dyar, 1913)  
 931569 *Paratrachea viridescens* (Barnes & McDunnough, 1918) <sup>283</sup>  
 931570 *Apsaphida eremna* Franclemont, 1973 <sup>283</sup>  
 931571 *Viridemas galena* Smith, 1908 <sup>283</sup>  
 931572 *Supralathosea baboquivariensis* Barnes & Benjamin, 1924  
 931573 *Supralathosea pronuba* (Barnes & McDunnough, 1916)  
 931574 *Supralathosea obtusa* (Smith, 1909)  
**Subtribe Nocloina Poole, 1995 ‡ <sup>284</sup>**  
 931575 *Oslaria viridifera* (Grote, 1882)  
 931576 *Oslaria pura* (Barnes & McDunnough, 1911)  
 931577 *Nocloa plagiata* Smith, 1906  
 931578 *Nocloa rivulosa* Smith, 1906  
 931579 *Nocloa pallens* (Tepper, 1882)  
 931580 *Nocloa cordova* (Barnes, 1907)  
 931581 *Nocloa nanata* (Neumögen, 1884)  
 931582 *Nocloa pilacho* (Barnes, 1904)  
 931583 *Nocloa alcandra* (Druce, 1890)  
 931584 *Nocloa aliaga* (Barnes, 1905)  
 931585 *Nocloa duplicatus* (Smith, 1891)  
 931586 *Paramiana callaisata* A. Blanchard, 1972 <sup>285</sup>  
 931587 *Paramiana smaragdina* (Neumögen, 1884)  
 931588 *Paramiana marina* (Smith, 1906)  
 931589 *Paramiana perissa* Nye, 1975  
 931590 *Paramiana canoa* (Barnes, 1907)  
 931591 *Euamiana endopolia* (Dyar, 1912) <sup>285</sup>  
     syn. *E. exculta* (A. Blanchard & Knudson, 1986) ‡ <sup>286</sup>

- 931592 *Euamiana contrasta* (Barnes & McDunnough, 1910)
- 931593 *Euamiana adusta* A. Blanchard & Knudson, 1986 ‡
- 931594 *Euamiana dissimilis* (Barnes & McDunnough, 1910)
- 931595 *Euamiana torniplaga* (Barnes & McDunnough, 1916)
- 931596 *Ruacodes tela* (Smith, 1900)
- 931597 *Petalumaria californica* (Buckett & Bauer, 1965)
- 931598 *Redingtonia alba* Barnes & McDunnough, 1912
- 931599 *Sexserrata hampsoni* Barnes & Benjamin, 1922
- 931600 *Lythrodes radiatus* Smith, 1903
- 931601 *Lythrodes venatus* Smith, 1903
- 931602 *Lythrodes tripuncta* Barnes & McDunnough, 1911
- 931603 *Prothrinax luteomedia* (Smith, 1907)
- 931604 *Walterella ocellata* (Barnes & McDunnough, 1910)
- 931605 *Emarginea pallida* (Smith, 1902)
- 931606 *Emarginea percara* (Morrison, 1875)
- 931607 *Emarginea dulcinea* Dyar, 1921
- Subtribe Triocnemidina Poole, 1995 ‡<sup>287</sup>**
- 931608 *Policocnemis ungulatus* Benjamin, 1932
- 931609 *Triocnemis saporis* Grote, 1881
- 931610 *Crimona pallimedia* Smith, 1902
- 931611 *Oxycnemis advena* Grote, 1882
- 931612 *Oxycnemis gracillinea* (Grote, 1881)  
syn. *O. gracillima* of authors, misspelling
- 931613 *Oxycnemis acuna* Barnes, 1907
- 931614 *Oxycnemis gustis* Smith, 1907
- 931615 *Oxycnemis fusimacula* Smith, 1902
- 931616 *Oxycnemis erratica* Barnes & McDunnough, 1913
- 931617 *Oxycnemis grandimacula* Barnes & McDunnough, 1910
- 931618 *Leucocnemis perfundis* (Smith, 1894)
- 931619 *Leucocnemis nivalis* (Smith, 1894)
- 931620 *Leucocnemis obscurella* Barnes & McDunnough, 1916
- 931621 *Leucocnemis variabilis* Barnes & McDunnough, 1918
- 931622 *Unciella flagrantis* (Smith, 1893)<sup>288</sup>
- 931623 *Unciella primula* (Barnes & McDunnough, 1918)
- 931624 *Gloanna grisescens* (Barnes & Lindsey, 1921)
- 931625 *Gloanna hecate* A. Blanchard & Knudson, 1983 ‡
- 931626 *Acopa carina* Harvey, 1875
- 931627 *Acopa perpallida* Grote, 1878
- 931628 *Nacopa bistrigata* (Barnes & McDunnough, 1918)
- 931629 *Nacopa melanderi* Barnes & Benjamin, 1927
- 931630 *Fota armata* Grote, 1882
- 931631 *Fota minorata* Grote, 1882
- 931632 *Eviridemias minuta* (Barnes & McDunnough, 1910)

- 931633 *Aleptina inca* Dyar, 1902 <sup>289</sup>
- 931634 *Aleptina junctimacula* A. Blanchard, 1984 ‡
- 931635 *Aleptina aleptivoides* (Barnes & McDunnough, 1912) <sup>290</sup>
- 931636 *Aleptina clinopetes* (Dyar, 1920) <sup>291</sup>
- 931637 “*Aleptina*” *semiatra* (Smith 1902) <sup>290</sup>
- 931638 *Anycteola fotelloides* (Barnes & McDunnough, 1916)
- 931639 *Copibryophila angelica* Smith, 1900
- 931640 *Metaponpneumata rogenhoferi* Möschler, 1890
- 931641 *Airamia albiocula* (Barnes & McDunnough, 1918)
- Tribe Psaphidini (*incertae sedis*)**
- 931642 *Cropia connecta* (Smith, 1894)
- 931643 *Cropia ruthaea* Dyar, 1910 <sup>292</sup>
- 931644 *Cropia templada* (Schaus, 1906)
- Tribe Stiriini Grote, 1882 <sup>293</sup>**
- Subtribe Stiriina Grote, 1882 <sup>294</sup>**
- 931645 *Fala ptychophora* Grote, 1875
- 931646 *Plagiomimicus ochoa* (Barnes, 1904) <sup>295</sup>
- 931647 *Plagiomimicus olvello* Barnes, 1907
- 931648 *Plagiomimicus dimidiata* Grote, 1877
- 931649 *Plagiomimicus aureolum* (H. Edwards, 1882)
- 931650 *Plagiomimicus heitzmani* Poole, 1995 ‡
- 931651 *Plagiomimicus spumosum* (Grote, 1874)  
syn. *P. mavina* (Barnes & McDunnough, 1910) <sup>296</sup>
- 931652 *Plagiomimicus caesium* (A. Blanchard & Knudson, 1984) ‡
- 931653 *Plagiomimicus manti* (Barnes, 1904)
- 931654 *Plagiomimicus curiosum* (Neumögen, 1884)
- 931655 *Plagiomimicus astigmatosum* (Dyar, 1921)
- 931656 *Plagiomimicus hilli* (Barnes & Benjamin, 1923)
- 931657 *Plagiomimicus kathya* Adams, 2009 ‡
- 931658 *Plagiomimicus navia* (Harvey, 1875), misplaced <sup>297</sup>
- 931659 *Plagiomimicus tepperi* (Morrison, 1875) <sup>295</sup>
- 931660 *Plagiomimicus mimica* Poole, 1995 ‡
- 931661 *Plagiomimicus pityochromus* Grote, 1873 <sup>295</sup>
- 931662 *Plagiomimicus triplagiatus* Smith, 1890
- 931663 *Plagiomimicus expallidus* Grote, 1883
- 931664 *Cuahtemoca unicum* (Barnes & Benjamin, 1926) <sup>298</sup>
- 931665 *Lineostriastiria hachita* (Barnes, 1904) <sup>299</sup>
- 931666 *Lineostriastiria sexseriata* (Grote, 1881)
- 931667 *Lineostriastiria biundulalis* (Zeller, 1872)
- 931668 *Lineostriastiria olivalis* (Barnes & McDunnough, 1916)
- 931669 *Lineostriastiria hutsoni* (Smith, 1907)
- 931670 *Xanthothrix neumogeni* H. Edwards, 1881
- 931671 *Xanthothrix ranunculi* H. Edwards, 1878

- 931672 *Chrysoecia scira* (Druce, 1889)
- 931673 *Chrysoecia gladiola* (Barnes, 1907)
- 931674 *Chrysoecia atrolinea* (Barnes & McDunnough, 1912) <sup>300</sup>  
syn. *C. dela* of authors, not (Druce, 1894)
- 931675 *Chrysoecia thoracica* (H. Edwards, 1884) <sup>301</sup>
- 931676 *Basilodes pepita* Guenée, 1852
- 931677 *Basilodes straminea* Poole, 1995 ‡
- 931678 *Basilodes chrysopsis* Grote, 1881
- 931679 *Hoplolythroides arivaca* (Barnes, 1907) <sup>299</sup>
- 931680 *Cirrhophanus dyari* Cockerell, 1899
- 931681 *Cirrhophanus triangulifer* Grote, 1872
- 931682 *Cirrhophanus pretiosa* (Morrison, 1875) <sup>302</sup>
- 931683 *Eulithosia composita* H. Edwards, 1884
- 931684 *Eulithosia discistriga* (Smith, 1903) <sup>303</sup>
- 931685 *Eulithosia plesioglauca* (Dyar, 1912)
- 931686 *Eulithosia papago* Barnes, 1907
- 931687 *Angulostiria chryseochilus* (Dyar, 1909) <sup>304</sup>
- 931688 *Stiria rugifrons* Grote, 1874
- 931689 *Stiria intermixta* Dyar, 1918 <sup>305</sup>
- 931690 *Stiria dyari* Hill, 1924
- 931691 *Stiria blanchardi* (Hogue, 1966)
- 931692 *Stiria sulphurea* Neumögen, 1882
- 931693 *Stiria satana* Poole, 1995 ‡
- 931694 *Stiria consuela* Strecker, 1900
- 931695 *Chalcopasta territans* (H. Edwards, 1884)
- 931696 *Chalcopasta howardi* (H. Edwards, 1877)
- 931697 *Chalcopasta fulgens* Barnes & McDunnough, 1912
- 931698 *Chalcopasta acema* (Druce, 1889)
- 931699 *Neumoegenia poetica* Grote, 1882
- Subtribe Grotellina Poole, 1995 ‡ <sup>306</sup>**
- 931700 *Grotella septempunctata* Harvey, 1875
- 931701 *Grotella harveyi* Barnes & Benjamin, 1922
- 931702 *Grotella sampita* Barnes, 1907
- 931703 *Grotella blanca* Barnes, 1904
- 931704 *Grotella dis* Grote, 1883
- 931705 *Grotella parvipuncta* Barnes & McDunnough, 1912
- 931706 *Grotella stretchii* Barnes & Benjamin, 1922
- 931707 *Grotella vagans* Barnes & Benjamin, 1922
- 931708 *Grotella binda* Barnes, 1907
- 931709 *Grotella tricolor* Barnes, 1904
- 931710 *Grotella soror* Barnes & McDunnough, 1912
- 931711 *Grotella margueritaria* A. Blanchard, 1968
- 931712 *Grotella grisescens* (Barnes & McDunnough, 1910)

- 931713 *Grotella olivacea* Barnes & McDunnough, 1911  
 931714 *Grotella citronella* Barnes & McDunnough, 1916  
 931715 *Grotella vauriae* McElvare, 1950  
 931716 *Grotella blanchardi* McElvare, 1966  
 931717 *Neogrotella confusa* Barnes & Benjamin, 1922  
 931718 *Neogrotella spaldingi* (Barnes & McDunnough, 1913)  
 931719 *Neogrotella macdunnoughi* Barnes & Benjamin, 1922  
 931720 *Hemigrotella argenteostriata* Barnes & McDunnough, 1918  
 931721 *Podagra crassipes* Smith, 1902  
 931722 *Grotellaforma lactea* (Stretch, 1885)  
 931723 *Homolagoa grotelliformis* Barnes & McDunnough, 1912  
**Subtribe Azeniina Poole, 1995 ‡<sup>307</sup>**  
 931724 *Azenia obtusa* (Herrich-Schäffer, 1854)  
 931725 *Azenia edentata* Grote, 1883  
 931726 *Azenia perflava* (Harvey, 1875)  
 931727 *Azenia virida* Barnes & McDunnough, 1916  
 931728 *Azenia implora* Grote, 1883  
 931729 *Azenia templetonae* Clarke, 1937  
 931730 *Narthecophora pulvereana* Smith, 1900  
 931731 *Aleptinoides ochrea* Barnes & McDunnough, 1912  
 931732 *Tristyla alboplagiata* Smith, 1893  
**Subtribe Annaphilina Mustelin, 2006 ‡**  
 931733 *Axenus arvalis* Grote, 1873  
 931734 *Annaphila danistica* Grote, 1873  
 931735 *Annaphila hennei* Rindge & Smith, 1952  
 931736 *Annaphila mera* Harvey, 1875  
 931737 *Annaphila pustulata* H. Edwards, 1881  
 931738 *Annaphila arvalis* H. Edwards, 1875  
 931739 *Annaphila abdita* Rindge & Smith, 1952  
 931740 *Annaphila scurlockorum* Sala & Mustelin, 2006 ‡  
 931741 *Annaphila baueri* Rindge & Smith, 1952  
 931742 *Annaphila astrologa* Barnes & McDunnough, 1918  
 931743 *Annaphila vivianae* Sala, 1964  
 931744 *Annaphila pseudoastrologa* Sala, 1964  
 931745 *Annaphila olgae* Sala, 1964  
 931746 *Annaphila ida* Rindge & Smith, 1952  
 931747 *Annaphila divinula* Grote, 1878  
 931748 *Annaphila lithosina* H. Edwards, 1875  
 931749 *Annaphila miona* Smith, 1908  
 931750 *Annaphila casta* H. Edwards, 1890  
 931751 *Annaphila depicta* Grote, 1873  
 931752 *Annaphila macfarlandi* Buckett & Bauer, 1964  
 931753 *Annaphila decia* Grote, 1875

- 931754 *Annaphila diva* Grote, 1873  
 931755 *Annaphila superba* H. Edwards, 1875  
 931756 *Annaphila spila* Rindge & Smith, 1952  
 931757 *Annaphila evansi* Rindge & Smith, 1952

**Tribe Stiriini (*incertae sedis*)**

- 931758 *Argentostiria koebelei* (Riley, 1893) <sup>308</sup>  
 931759 *Chamaeclea pernana* (Grote, 1881)  
 931760 *Chamaeclea basiochrea* Barnes & McDunnough, 1916  
 931761 *Bistica noela* (Druce, 1892)  
 931762 *Hemioslaria pima* Barnes & Benjamin, 1924  
 931763 *Heminocloa mirabilis* (Neumögen, 1884)  
 931764 *Thurberiphaga diffusa* (Barnes, 1904)

**Subfamily Oncocnemidinae Forbes & Franclemont, 1954 <sup>309</sup>**

- 931765 *Catabena lineolata* Walker, 1865  
 931766 *Catabena sagittata* Barnes & McDunnough, 1913  
 931767 *Catabenoides vitrina* (Walker, 1857) <sup>310</sup>  
 931768 *Catabenoides terminellus* (Grote, 1883)  
 931769 *Catabenoides divisa* (Herrich-Schäffer, 1868)  
 931770 *Neogalea sunia* (Guenée, 1852)  
     syn. *N. esula* (Druce, 1889) <sup>311</sup>  
 931771 *Calophasia lunula* (Hufnagel, 1766)  
 931772 *Pseudacontia louisa* Smith, 1908  
 931773 *Pseudacontia crustaria* (Morrison, 1875)  
 931774 *Pseudacontia cansa* Smith, 1908  
 931775 *Behrensia conchiformis* Grote, 1875  
 931776 *Behrensia bicolor* McDunnough, 1941  
 931777 *Pleromelloida conserta* (Grote, 1881) <sup>312</sup>  
     syn. *P. obliquata* (Smith, 1891)  
 931778 *Pleromelloida bonuscula* (Smith, 1898)  
 931779 *Pleromelloida arizonata* (Barnes & Benjamin, 1922)  
 931780 *Pleromelloida cinerea* (Smith, 1904)  
 931781 *Copanarta aurea* (Grote, 1879)  
     syn. *C. nigerrima* (Smith, 1903) <sup>313</sup>  
 931782 *Copanarta sexpunctata* Barnes & McDunnough, 1916 <sup>314</sup>  
 931783 *Stylopoda cephalica* Smith, 1891  
 931784 *Stylopoda groteana* (Dyar, 1903)  
 931785 *Stylopoda modestella* (Barnes & McDunnough, 1918)  
 931786 *Stylopoda anxia* Smith, 1908  
 931787 *Sympistis poliafascies* (Dyar, 1910) <sup>315</sup>  
 931788 *Sympistis wilsonensis* (Hill, 1924)  
 931789 *Sympistis polingii* (Barnes, 1904)  
 931790 *Sympistis bakeri* (Dyar, 1905)

- 931791 *Sympistis melalutea* (Smith, 1899)  
 931792 *Sympistis laticosta* (Dyar, 1904)  
 931793 *Sympistis coprocolor* (Troubridge & Crabo, (1999)) ‡  
 931794 *Sympistis terminalis* (Smith, 1888)  
 931795 *Sympistis corusca* (Smith, 1899)  
 931796 *Sympistis sorapis* Troubridge, 2008 ‡  
 931797 *Sympistis perscripta* (Guenée, 1852) <sup>316</sup>  
 931798 *Sympistis behrensi* (Grote, 1874)  
 931799 *Sympistis albifasciata* (Hampson, 1906)  
 931800 *Sympistis saundersiana* (Grote, 1876)  
 931801 *Sympistis occata* (Grote, 1875)  
 931802 *Sympistis umbrifascia* (Smith, 1894)  
 931803 *Sympistis satanella* (Troubridge & Crabo, (1999)) ‡  
 931804 *Sympistis balteata* (Smith, 1902)  
 931805 *Sympistis aterrima* (Grote, 1879)  
 931806 *Sympistis aep* Troubridge, 2008) ‡  
 931807 *Sympistis tenuifascia* (Smith, 1888)  
     syn. *S. mus* (Troubridge & Crabo, (1999)) ‡ <sup>317</sup>  
 931808 *Sympistis parvanigra* (Blackmore, 1923)  
 931809 *Sympistis parvacana* (Troubridge & Crabo, (1999)) ‡  
 931810 *Sympistis viriditincta* (Smith, 1894)  
 931811 *Sympistis tetrops* (Dyar, 1904)  
 931812 *Sympistis knudsoni* Troubridge, 2008 ‡  
 931813 *Sympistis khepri* Troubridge, 2008 ‡  
 931814 *Sympistis min* Troubridge, 2008 ‡  
 931815 *Sympistis subsimplex* (Dyar, 1904) <sup>318</sup>  
 931816 *Sympistis apposita* (Barnes & McDunnough, 1918) <sup>319</sup>  
 931817 *Sympistis stabilis* (Smith, 1895) <sup>320</sup>  
 931818 *Sympistis induta* (Harvey, 1874) <sup>321</sup>  
 931819 *Sympistis punctilinea* (Hampson, 1906)  
 931820 *Sympistis rayata* (Smith, 1908) <sup>321</sup>  
 931821 *Sympistis badistriga* (Grote, 1872)  
 931822 *Sympistis fifia* (Dyar, 1904)  
 931823 *Sympistis dinalda* (Smith, 1908) <sup>321</sup>  
 931824 *Sympistis kappa* (Grote, 1874) <sup>321</sup>  
     syn. *S. retroversa* (Morrison, 1875) <sup>317</sup>  
 931825 *Sympistis infixa* (Walker, 1856)  
 931826 *Sympistis incommitata* (Harvey, 1875)  
 931827 *Sympistis inconstans* (Grote, 1883)  
 931828 *Sympistis rustica* (Barnes & McDunnough, 1911)  
 931829 *Sympistis kelsoensis* (Robertson & Mustelin, 2006) ‡  
 931830 *Sympistis intruda* (Smith, 1910)  
 931831 *Sympistis iricolor* (Smith, 1888)

- 931832 *Sympistis simplex* (Smith, 1888)
- 931833 *Sympistis lachrymosa* Troubridge, 2008 ‡
- 931834 *Sympistis goedeni* (Troubridge & Crabo, (1999)) ‡
- 931835 *Sympistis glennyi* (Grote, 1873)  
syn. *S. phairi* (McDunnough, 1927) <sup>317</sup>
- 931836 *Sympistis lepipoloides* (McDunnough, 1922)
- 931837 *Sympistis tartarea* (Troubridge & Crabo, (1999)) ‡
- 931838 *Sympistis baloghi* Troubridge, 2008 ‡
- 931839 *Sympistis jenniferae* Troubridge, 2008 ‡
- 931840 *Sympistis osiris* Troubridge, 2008 ‡
- 931841 *Sympistis isis* Troubridge, 2008 ‡
- 931842 *Sympistis horus* Troubridge, 2008 ‡
- 931843 *Sympistis levis* (Grote, 1880)
- 931844 *Sympistis incubus* Troubridge, 2008 ‡
- 931845 *Sympistis duplex* (Troubridge & Mustelin, 2006) ‡
- 931846 *Sympistis seth* Troubridge, 2008 ‡
- 931847 *Sympistis sesmu* Troubridge, 2008 ‡
- 931848 *Sympistis insanina* Troubridge, 2008 ‡
- 931849 *Sympistis sanina* (Smith, 1910)
- 931850 *Sympistis sakhmet* Troubridge, 2008 ‡
- 931851 *Sympistis ptah* Troubridge, 2008 ‡
- 931852 *Sympistis jocelynae* Troubridge, 2008 ‡
- 931853 *Sympistis poliochroa* (Hampson, 1906) <sup>322</sup>
- 931854 *Sympistis ibapahensis* (Barnes & Benjamin, 1924)
- 931855 *Sympistis extranea* (Smith, 1892)
- 931856 *Sympistis utahensis* (Barnes & Benjamin, 1924)
- 931857 *Sympistis chandleri* (Grote, 1873) <sup>322</sup>  
syn. *S. colorado* (Smith, 1893)
- 931858 *Sympistis mackiei* (Barnes & Benjamin, 1924)
- 931859 *Sympistis cibalis* (Grote, 1880)
- 931860 *Sympistis amenthes* Troubridge, 2008 ‡
- 931861 *Sympistis mirificalis* (Grote, 1879)
- 931862 *Sympistis euta* (Smith, 1903)
- 931863 *Sympistis regina* (Smith, 1902)
- 931864 *Sympistis nita* (Smith, 1910)
- 931865 *Sympistis augustus* (Harvey, 1875)
- 931866 *Sympistis sandaraca* (Buckett & Bauer, 1967)
- 931867 *Sympistis hayesi* (Grote, 1873)
- 931868 *Sympistis anubis* Troubridge, 2008 ‡
- 931869 *Sympistis pudorata* (Smith, 1893)
- 931870 *Sympistis melantho* (Smith, 1899)
- 931871 *Sympistis acheron* Troubridge, 2008 ‡
- 931872 *Sympistis cocytus* Troubridge, 2008 ‡

- 931873 *Sympistis rosea* (Smith, 1903)
- 931874 *Sympistis nigrocaput* (Smith, 1892)
- 931875 *Sympistis riparia* (Morrison, 1875)
- 931876 *Sympistis aqualis* (Grote, 1881) <sup>323</sup>  
syn. *S. sala* (Mustelin, 2006) ‡
- 931877 *Sympistis amun* Troubridge, 2008 ‡
- 931878 *Sympistis major* (Grote, 1881) <sup>324</sup>  
syn. *S. deserticola* (McDunnough, 1941) <sup>325</sup>
- 931879 *Sympistis richersi* Troubridge, 2008 ‡
- 931880 *Sympistis mut* Troubridge, 2008 ‡
- 931881 *Sympistis chons* Troubridge, 2008 ‡
- 931882 *Sympistis nenun* Troubridge, 2008 ‡
- 931883 *Sympistis curvicollis* (Grote, 1883)
- 931884 *Sympistis pachet* Troubridge, 2008 ‡
- 931885 *Sympistis obscurata* (Barnes & McDunnough, 1912)
- 931886 *Sympistis deserta* (Smith, 1891)  
syn. *S. simplicia* (Smith, 1903) <sup>317</sup>
- 931887 *Sympistis arizonensis* (Barnes, 1928)
- 931888 *Sympistis homogena* (Grote, 1877)
- 931889 *Sympistis sobek* Troubridge, 2008 ‡
- 931890 *Sympistis ra* Troubridge, 2008 ‡
- 931891 *Sympistis khem* Troubridge, 2008 ‡
- 931892 *Sympistis septu* Troubridge, 2008 ‡
- 931893 *Sympistis hathor* Troubridge, 2008 ‡
- 931894 *Sympistis columbia* (McDunnough, 1922)
- 931895 *Sympistis pallida* (Barnes, 1928)
- 931896 *Sympistis helena* (Mustelin, 2006) ‡
- 931897 *Sympistis cherti* Troubridge, 2008 ‡
- 931898 *Sympistis youngi* (McDunnough, 1922)
- 931899 *Sympistis heterogena* (A. Blanchard, 1972)
- 931900 *Sympistis cleopatra* Troubridge, 2008 ‡
- 931901 *Sympistis pernotata* (Grote, 1883)
- 931902 *Sympistis apis* Troubridge, 2008 ‡
- 931903 *Sympistis buchis* Troubridge, 2008 ‡
- 931904 *Sympistis fortis* (Grote, 1880) <sup>326</sup>
- 931905 *Sympistis picina* (Grote, 1880) <sup>327</sup>
- 931906 *Sympistis chionanthi* (J.E. Smith, 1797) <sup>328</sup>
- 931907 *Sympistis barnesii* (Smith, 1899)
- 931908 *Sympistis chalybdis* (Troubridge & Crabo, (1999)) ‡
- 931909 *Sympistis piffardi* (Walker, 1862)
- 931910 *Sympistis funebris* (Hübner, [1809])
- 931911 *Sympistis dentata* (Grote, 1875) <sup>329</sup>  
syn. *S. pyralis* (Smith, 1895) <sup>330</sup>  
syn. *S. purpurea* (McDunnough, 1940) <sup>330</sup>

- 931912 *Sympistis anweileri* Troubridge & Lafontaine, 2008 ‡
- 931913 *Sympistis californiae* (McDunnough, 1946) <sup>329</sup>
- 931914 *Sympistis lacticollis* (Smith, 1908)
- 931915 *Sympistis chorda* (Grote, 1880)
- 931916 *Sympistis hapi* Troubridge, 2008 ‡
- 931917 *Sympistis sokar* Troubridge, 2008 ‡
- 931918 *Sympistis dischorda* Troubridge, 2008 ‡
- 931919 *Sympistis buto* Troubridge, 2008 ‡
- 931920 *Sympistis extremis* (Smith, 1890) <sup>331</sup>
- 931921 *Sympistis doris* Dimock & Troubridge, 2008 ‡
- 931922 *Sympistis astrigata* (Barnes & McDunnough, 1912)
- 931923 *Sympistis babi* Troubridge, 2008 ‡
- 931924 *Sympistis meadiana* (Morrison, 1875)
- 931925 *Sympistis orbicularis* (Barnes & McDunnough, 1912)
- 931926 *Sympistis dunbari* (Harvey, 1876)
- 931927 *Sympistis definita* (Barnes & McDunnough, 1912) <sup>332</sup>
- 931928 *Sympistis wilsoni* Barnes & Benjamin, 1924
- 931929 *Sympistis lapponica* (Thunberg, 1791)
- 931930 *Sympistis heliophila* (Paykull, 1793)  
syn. *S. melaleuca* (Thunberg, 1791) <sup>333</sup>
- 931931 *Sympistis nigrita* (Boisduval, 1840)  
ssp. *S. n. zetterstedtii* (Staudinger, 1857) <sup>334</sup>  
ssp. *S. n. kolthoffi* (Aurivillius, 1890) <sup>335</sup>  
syn. *S. besla* (Skinner & Mengel, 1892) <sup>336</sup>  
syn. *S. labradoris* (Staudinger, 1901) <sup>336</sup>
- 931932 *Sympistis fasciata* (H. Edwards, 1886)
- 931933 *Sympistis basifugens* (Dyar, 1914)
- 931934 *Sympistis modesta* (McDunnough, 1933)
- 931935 *Sympistis deceptiva* (Barnes & Lindsey, 1922)
- 931936 *Sympistis benjamini* (Lindsey, 1923)
- 931937 *Sympistis linda* (Barnes & McDunnough, 1913)
- 931938 *Sympistis sagittata* (Barnes & McDunnough, 1916)
- 931939 *Sympistis shirleyae* Troubridge, 2008 ‡
- 931940 *Sympistis saxatilis* (Troubridge & Crabo, (1999)) ‡
- 931941 *Sympistis opleri* Troubridge, 2008 ‡
- 931942 *Sympistis dayi* (Grote, 1873)
- 931943 *Sympistis kelloggii* (H. Edwards, 1875)
- 931944 *Sympistis atricollaris* (Harvey, 1875)
- 931945 *Sympistis cottami* (A. Blanchard, 1972)
- 931946 *Sympistis figurata* (Harvey, 1875)
- 931947 *Sympistis disfigurata* Troubridge, 2008 ‡
- 931948 *Sympistis pallidior* (Barnes, 1928) <sup>337</sup>
- 931949 *Sympistis minor* (Barnes, 1928)
- 931950 *Sympistis greyi* (Troubridge & Crabo, (1999)) ‡

- 931951 *Sympistis ragani* (Barnes, 1928)
- 931952 *Sympistis semicollaris* (Smith, 1909)
- 931953 *Sympistis collaris* Troubridge, 2008 ‡
- 931954 *Sympistis griseicollis* (Grote, 1882)
- 931955 *Sympistis sectilis* (Smith, 1894)
- 931956 *Sympistis sectiloides* (Barnes & McDunnough, 1913)
- 931957 *Sympistis bes* Troubridge, 2008 ‡
- 931958 *Sympistis franclemonti* (A. Blanchard, 1968)
- 931959 *Sympistis shait* Troubridge, 2008 ‡
- 931960 *Sympistis singularis* (Barnes & McDunnough, 1912)
- 931961 *Sympistis toddi* (A. Blanchard, 1968)
- 931962 *Sympistis ciliata* Smith, 1900

#### **Subfamily Agaristinae Herrich-Schäffer, [1858]**

- 931963 *Xerociris wilsonii* (Grote, 1863)
- 931964 *Eudryas unio* (Hübner, [1831])
- 931965 *Eudryas brevipennis* Stretch, 1872
- 931966 *Eudryas grata* (Fabricius, 1793)
- 931967 *Gerra radicalis* Walker, [1865]
- 931968 *Gerra seversa* (Grote, 1882)
- 931969 *Gerrodes minatea* Dyar, 1912
- 931970 *Neotuerta hemicycla* (Hampson, 1904)
- 931971 *Caularis lunata* Hampson, 1904
- 931972 *Euscirrhopterus gloveri* Grote & Robinson, 1868
- 931973 *Euscirrhopterus poeyi* Grote, 1866 <sup>338</sup>
- 931974 *Euscirrhopterus cosyra* (Druce, 1896)
- 931975 *Psychomorpha epimenis* (Drury, 1782)
  - ssp. *P. e. epimenis* (Drury, 1782)
  - ssp. *P. e. euryrhoda* Hampson, 1910 <sup>339</sup>
- 931976 *Eupseudomorpha brillians* (Neumögen, 1880)
- 931977 *Alypiodes bimaculata* (Herrich-Schäffer, 1853)
- 931978 *Alypiodes geronimo* (Barnes, 1900)
- 931979 *Alypia octomaculata* (Fabricius, 1775)
  - ssp. *A. o. octomaculata* (Fabricius, 1775)
  - syn. *A. dipsaci* Grote & Robinson, 1868 <sup>340</sup>
  - ssp. *A. o. matuta* H. Edwards, 1883 <sup>341</sup>
- 931980 *Alypia wittfeldii* H. Edwards, 1883
- 931981 *Alypia langtoni* Couper, 1865
  - syn. *A. brannani* (Stretch, 1872) <sup>342</sup>
- 931982 *Alypia ridingsii* Grote, 1865
- 931983 *Alypia mariposa* Grote & Robinson, 1868
- 931984 *Androloma maccullochii* (W. Kirby, 1837)
- 931985 *Androloma disparata* (H. Edwards, 1884)

**Subfamily Condicinae Poole, 1995 ‡<sup>343</sup>**

**Tribe Condicini Poole, 1995 ‡**

- 931986 *Perigea xanthioides* Guenée, 1852
- 931987 *Perigea enixa* Grote, 1875<sup>344</sup>
- 931988 *Perigea berinda* Druce, 1889<sup>345</sup>
- 931989 *Condica videns* (Guenée, 1852)<sup>346</sup>
- 931990 *Condica temecula* (Barnes, 1905)
- 931991 *Condica discistriga* (Smith, 1894)
- 931992 *Condica mobilis* (Walker, [1857])
- 931993 *Condica mersa* (Morrison, 1875)
- 931994 *Condica albolabes* (Grote, 1880)
- 931995 *Condica vecors* (Guenée, 1852)
- 931996 *Condica orta* (Barnes & McDunnough, 1912)
- 931997 *Condica concisa* (Walker, 1856)
- 931998 *Condica sutor* (Guenée, 1852)
- 931999 *Condica claufacta* (Walker, 1857)<sup>347</sup>  
syn. *C. cervina* (Smith, 1900)
- 932000 *Condica proxima* (Morrison, 1876)
- 932001 *Condica punctifera* (Walker, [1857])<sup>348</sup>
- 932002 *Condica albigera* (Guenée, 1852)
- 932003 *Condica vacillans* (Walker, 1858)<sup>349</sup>
- 932004 *Condica parista* (Schaus, 1921)<sup>350</sup>  
syn. *C. pyromphalus* of authors, not (Dyar, 1913)
- 932005 *Condica hypocritica* of authors, not (Dyar, 1907)<sup>351</sup>  
syn. *C. subornata* of authors, not (Walker, 1865)
- 932006 *Condica revellata* (Barnes & Benjamin, 1924)<sup>352</sup>
- 932007 *Condica leucorena* (Smith, 1900)
- 932008 *Condica andrena* (Smith, 1911)  
syn. *C. funeralis* (Hill, 1924)<sup>353</sup>
- 932009 *Condica lunata* (Barnes & McDunnough, 1916)
- 932010 *Condica begallo* (Barnes, 1905)
- 932011 *Condica egestis* (Smith, 1894)
- 932012 *Condica ignota* (Barnes & Benjamin, 1924)
- 932013 *Condica morsa* (Smith, 1907)
- 932014 *Condica cupentia* (Cramer, 1780)
- 932015 *Condica confederata* (Grote, 1873)
- 932016 *Stibaera curvilineata* (Hampson, 1924)
- 932017 *Stibaera thyatiroides* (Barnes & Benjamin, 1924)
- 932018 *Ogdoconta cinereola* (Guenée, 1852)
- 932019 *Ogdoconta moreno* Barnes, 1907
- 932020 *Ogdoconta sexta* Barnes & McDunnough, 1913
- 932021 *Ogdoconta altura* Barnes, 1904
- 932022 *Ogdoconta tacna* (Barnes, 1904)

- 932023 *Ogdoconta* sp. not *O. lilacina* (Druce, 1890) <sup>354</sup>  
 932024 *Homophoberia cristata* Morrison, 1875  
 932025 *Homophoberia apicosa* (Haworth, 1809)  
**Tribe Leuconyctini Poole, 1995 ‡**  
 932026 *Leuconycta diphteroides* (Guenée, 1852)  
 932027 *Leuconycta lepidula* (Grote, 1874)  
 932028 *Diastema tigris* Guenée, 1852  
 932029 *Diastema cnossia* (Druce, 1889)  
 932030 *Crambodes talidiformis* Guenée, 1852  
 932031 *Micrathetis triplex* (Walker, 1857)  
 932032 *Micrathetis costiplaga* (Smith, 1908)  
 932033 *Micrathetis tecnion* Dyar, 1914  
 932034 *Fotella notalis* Grote, 1882 <sup>355</sup>  
     syn. *F. fragosa* (Grote, 1883)  
     syn. *F. olivia* Barnes & McDunnough, 1912  
     syn. *F. olivioides* Barnes & Benjamin, 1926  
  
**Subfamily Heliothinae Boisduval, [1828] <sup>356</sup>**  
 932035 *Microhelia angelica* (Smith, 1900) <sup>357</sup>  
     syn. *M. restrictalis* (Smith, 1900)  
 932036 *Heliothodes diminutiva* (Grote, 1873) <sup>358</sup>  
     syn. *H. fasciatus* (H. Edwards, 1875)  
     syn. *H. joachin* McDunnough, 1946  
 932037 *Baptarma felicitata* Smith, 1904  
 932038 *Eutricopis nexilis* Morrison, 1875  
 932039 *Derrima stellata* Walker, [1858]  
 932040 *Pyrria cilisca* (Guenée, 1852) <sup>359</sup>  
     syn. *P. umbra* of authors, not (Hufnagel, 1766)  
     syn. *P. adela* Lafontaine & Mikkola, 1996 ‡  
 932041 *Pyrria exprimens* (Walker, 1857)  
 932042 *Pyrria aurantiago* (Guenée, 1852) <sup>360</sup>  
 932043 *Psectrotarsia suavis* (H. Edwards, 1884) <sup>361</sup>  
 932044 *Psectrotarsia hebardi* Skinner, 1917  
 932045 *Helicoverpa zea* (Boddie, 1850)  
     syn. *H. stombleri* (Okumura & Bauer, 1969) <sup>362</sup>  
 932046 *Heliothis phloxiphaga* Grote & Robinson, 1867  
 932047 *Heliothis acesias* Felder & Rogenhofer, 1875 <sup>363</sup>  
 932048 *Heliothis australis* Hardwick, 1994 ‡  
 932049 *Heliothis ononis* (Fabricius, 1787)  
 932050 *Heliothis oregonica* (H. Edwards, 1875)  
 932051 *Heliothis proruptus* Grote, 1873  
 932052 *Heliothis belladonna* (H. Edwards, 1881)  
 932053 *Heliothis borealis* (Hampson, 1903)

- 932054 *Heliothis virescens* (Fabricius, 1777)
- 932055 *Heliothis subflexa* (Guenée, 1852)
- 932056 *Heliocheilus lupatus* (Grote, 1875) <sup>364</sup>
- 932057 *Heliocheilus turbata* (Walker, 1858)
- 932058 *Heliocheilus paradoxus* Grote, 1865
- 932059 *Heliocheilus julia* (Grote, 1883)
- 932060 *Heliocheilus toralis* (Grote, 1881)
- 932061 *Schinia nuchalis* (Grote, 1878) <sup>365</sup>  
syn. *S. scutosa* of authors, not (Fabricius, 1787) <sup>366</sup>
- 932062 *Schinia snowi* (Grote, 1875) <sup>367</sup>  
syn. *S. rosea* (Smith, 1891) <sup>368</sup>  
syn. *S. stena* (Smith, 1906) <sup>368</sup>
- 932063 *Schinia bimatrix* (Harvey, 1875)
- 932064 *Schinia simplex* Smith, 1891
- 932065 *Schinia carolinensis* (Barnes & McDunnough, 1911)
- 932066 *Schinia luxa* (Grote, 1881)
- 932067 *Schinia citrinellus* (Grote & Robinson, 1870)
- 932068 *Schinia olivacea* Smith, 1906
- 932069 *Schinia indiana* (Smith, 1908)
- 932070 *Schinia biundulata* Smith, 1891
- 932071 *Schinia immaculata* Pogue, 2004 ‡
- 932072 *Schinia aurantiaca* (H. Edwards, 1881)
- 932073 *Schinia jaguarina* (Guenée, 1852)
- 932074 *Schinia hardwickorum* Opler, 2004 ‡
- 932075 *Schinia suetus* (Grote, 1873)
- 932076 *Schinia aetheria* (Barnes & McDunnough, 1912) <sup>369</sup>
- 932077 *Schinia lucens* (Morrison, 1875)
- 932078 *Schinia meadi* (Grote, 1873)
- 932079 *Schinia zuni* (McElvare, 1950)
- 932080 *Schinia felicitata* (Smith, 1894)
- 932081 *Schinia lynda* Troubridge, 2002 ‡
- 932082 *Schinia florida* (Guenée, 1852)
- 932083 *Schinia gaurae* (J.E. Smith, 1797)
- 932084 *Schinia cupes* (Grote, 1875)
- 932085 *Schinia crotchii* (H. Edwards, 1875) <sup>370</sup>
- 932086 *Schinia deserticola* Barnes & McDunnough, 1916 <sup>371</sup>
- 932087 *Schinia mexicana* (Hampson, 1903) <sup>372</sup>
- 932088 *Schinia pulchripennis* (Grote, 1874)
- 932089 *Schinia tobia* Smith, 1906
- 932090 *Schinia sexplagiata* Smith, 1891
- 932091 *Schinia rivulosa* (Guenée, 1852)
- 932092 *Schinia gracilenta* Hübner, 1818 <sup>373</sup>  
syn. *S. bifascia* (Hübner, 1818)

- syn. *S. divergens* (Walker, 1858)  
 syn. *S. imperspicua* (Strecker, 1876)  
 syn. *S. digitalis* Smith, 1891
- 932093 *Schinia thoreau* (Grote & Robinson, 1870)  
 932094 *Schinia oleagina* Morrison, 1875 <sup>373</sup>  
     syn. *S. sara* Smith, 1907  
     syn. *S. ernesta* Smith, 1907  
     syn. *S. baueri* McElvare, 1951
- 932095 *Schinia grandimedia* Hardwick, 1996 ‡  
 932096 *Schinia trifascia* Hübner, 1818  
 932097 *Schinia buta* Smith, 1907  
 932098 *Schinia dobla* (Smith, 1906)  
 932099 *Schinia amaryllis* (Smith, 1891)  
 932100 *Schinia vaccinia* (H. Edwards, 1875)  
 932101 *Schinia perminuta* (H. Edwards, 1881)  
 932102 *Schinia honesta* (Grote, 1881)  
 932103 *Schinia verna* Hardwick, 1983 ‡  
 932104 *Schinia villosa* (Grote, 1864)  
 932105 *Schinia sexata* (Smith, 1906) <sup>374</sup>  
 932106 *Schinia intermontana* Hardwick, 1958 <sup>374</sup>  
 932107 *Schinia graefiana* (Tepper, 1882) <sup>374</sup>  
     syn. *S. triolata* (Smith, 1906)
- 932108 *Schinia persimilis* (Grote, 1873)  
 932109 *Schinia macneilli* Hardwick, 1996 ‡  
 932110 *Schinia errans* Smith, 1883  
 932111 *Schinia mcfarlandi* Opler, 2004 ‡  
 932112 *Schinia tuberculum* (Hübner, [1831])  
 932113 *Schinia rufipenna* Hardwick, 1983 ‡  
 932114 *Schinia septentrionalis* (Walker, 1858)  
 932115 *Schinia parmeliiana* (H. Edwards, 1882) <sup>375</sup>  
     syn. *S. concinna* Smith, 1891
- 932116 *Schinia sordidus* Smith, 1883 <sup>375</sup>  
     syn. *S. approximata* Strecker, 1898  
     syn. *S. ar* Strecker, 1898  
     syn. *S. labe* Strecker, 1898
- 932117 *Schinia nubila* (Strecker, 1876) <sup>375</sup>  
     syn. *S. dolosa* Strecker, 1898  
     syn. *S. lora* Strecker, 1898
- 932118 *Schinia diffusa* Smith, 1891 <sup>375</sup>  
     syn. *S. neglecta* Strecker, 1898
- 932119 *Schinia obscurata* Strecker, 1898 <sup>375</sup>  
     ssp. *S. o. obscurata* Strecker, 1898  
     ssp. *S. o. tanena* Strecker, 1898

- 932120 *Schinia lynx* (Guenée, 1852)
- 932121 *Schinia edwardsii* (Smith, 1906) <sup>375</sup>  
syn. *S. steenensis* Hardwick, 1973
- 932122 *Schinia angulilinea* Pogue, 2006 ‡  
syn. *S. arizonensis* Hardwick, 1996, unavailable ‡ <sup>376</sup>
- 932123 *Schinia siren* (Strecker, 1876) <sup>377</sup>  
syn. *S. inclara* (Strecker, 1876)
- 932124 *Schinia varix* Knudson, Bordelon & Pogue, 2003 ‡
- 932125 *Schinia petulans* (H. Edwards, 1885)
- 932126 *Schinia mortua* (Grote, 1865)
- 932127 *Schinia hanga* Strecker, 1898
- 932128 *Schinia ultima* (Strecker, 1876)
- 932129 *Schinia spinosae* (Guenée, 1852)
- 932130 *Schinia subspinosae* Hardwick, 1996 ‡
- 932131 *Schinia bicuspidata* Smith, 1891
- 932132 *Schinia scissa* (Grote, 1876)
- 932133 *Schinia scissoides* (Benjamin, 1936)
- 932134 *Schinia arcigera* (Guenée, 1852) <sup>377</sup>  
syn. *S. limbalis* (Grote, 1875)
- 932135 *Schinia saturata* (Grote, 1874)
- 932136 *Schinia jaegeri* (Sperry, 1940)
- 932137 *Schinia ligeae* Smith, 1893
- 932138 *Schinia miniana* (Grote, 1881) <sup>377</sup>  
syn. *S. pallicincta* Smith, 1906
- 932139 *Schinia volupia* (Fitch, 1868)
- 932140 *Schinia masoni* (Smith, 1896) <sup>377</sup>  
syn. *S. aden* (Strecker, 1898)
- 932141 *Schinia fulleri* (McElvare, 1961)
- 932142 *Schinia sanrafaeli* Opler, 2004 ‡
- 932143 *Schinia biforma* Smith, 1906
- 932144 *Schinia carmosina* Neumögen, 1884
- 932145 *Schinia sanguinea* (Geyer, 1832) <sup>377</sup>  
syn. *S. gloriosa* (Strecker, 1878)  
syn. *S. terrifica* Barnes & McDunnough, 1918
- 932146 *Schinia niveicosta* (Smith, 1906)
- 932147 *Schinia regia* (Strecker, 1876)
- 932148 *Schinia regina* Pogue & Harp, 2003 ‡
- 932149 *Schinia roseitincta* (Harvey, 1875)
- 932150 *Schinia bina* (Guenée, 1852)
- 932151 *Schinia antonio* (Smith, 1906)
- 932152 *Schinia intrabilis* Smith, 1893
- 932153 *Schinia acutilinea* (Grote, 1878) <sup>378</sup>  
syn. *S. separata* (Grote, 1879)

- syn. *S. velutina* B. & McDunnough, 1912
- 932154 *Schinia walsinghami* (H. Edwards, 1881)<sup>379</sup>  
 syn. *S. balba* (Grote, 1881)  
 syn. *S. brucei* Smith, 1891
- 932155 *Schinia crenilinea* Smith, 1891
- 932156 *Schinia nundina* (Drury, 1773)
- 932157 *Schinia arefacta* (H. Edwards, 1885)
- 932158 *Schinia tertia* (Grote, 1874)<sup>380</sup>  
 syn. *S. megarena* Smith, 1906
- 932159 *Schinia albafascia* Smith, 1883<sup>381</sup>
- 932160 *Schinia ferrisi* Pogue & Harp, 2004 ‡
- 932161 *Schinia erosa* Smith, 1906<sup>382</sup>
- 932162 *Schinia brunnea* Barnes & McDunnough, 1913<sup>381</sup>
- 932163 *Schinia argentifascia* Barnes & McDunnough, 1912
- 932164 *Schinia illustra* Smith, 1906
- 932165 *Schinia accessa* Smith, 1906
- 932166 *Schinia coercita* (Grote, 1881)<sup>383</sup>  
 syn. *S. alensa* Smith, 1906
- 932167 *Schinia obliqua* Smith, 1883
- 932168 *Schinia unimacula* Smith, 1891<sup>384</sup>  
 syn. *S. coolidgei* Hill, 1924
- 932169 *Schinia maculata* Pogue, 2006 ‡  
 syn. *S. blanca* Hardwick, 1996, unavailable ‡<sup>385</sup>
- 932170 *Schinia oculata* Smith, 1900
- 932171 *Schinia chrysellus* (Grote, 1874)<sup>386</sup>  
 syn. *S. lanul* (Strecker, 1878)
- 932172 *Schinia chryselloides* Pogue & Harp, 2005 ‡
- 932173 *Schinia alencis* (Harvey, 1875)<sup>387</sup>
- 932174 *Schinia ciliata* Smith, 1900
- 932175 *Schinia rufocostulata* Pogue & Harp, 2005 ‡
- 932176 *Schinia reniformis* Smith, 1900
- 932177 *Schinia cumatilis* (Grote, 1865)
- 932178 *Schinia hulstia* Tepper, 1883  
 syn. *S. tenuescens* (Grote, 1883)<sup>388</sup>
- 932179 *Schinia velaris* (Grote, 1878)
- 932180 *Schinia mitis* (Grote, 1873)
- 932181 *Schinia scarletina* (Smith, 1900)
- 932182 *Schinia avemensis* (Dyar, 1904)
- 932183 *Schinia carminatra* (Smith, 1903)
- 932184 *Heliolonche modicella* Grote, 1873
- 932185 *Heliolonche carolus* McDunnough, 1936
- 932186 *Heliolonche celeris* (Grote, 1873)
- 932187 *Heliolonche pictipennis* (Grote, 1875)<sup>389</sup>

syn. *H. cresina* (Smith, 1906)

932188 *Heliolonche joaquinensis* Hardwick, 1996 ‡<sup>390</sup>

932189 *Melaporphyria immortua* Grote, 1874

**Subfamily Eriopinae Herrich-Schäffer, [1851]<sup>391</sup>**

932190 *Calloplistria floridensis* (Guenée, 1852)

932191 *Calloplistria jamaicensis* (Möschler, 1886)<sup>392</sup>

932192 *Calloplistria mollissima* (Guenée, 1852)

932193 *Calloplistria granitosa* (Guenée, 1852)

932194 *Calloplistria cordata* (Ljungh, 1825)

**Subfamily Bryophilinae Guenée, 1852<sup>393</sup>**

932195 “*Cryphia*” *olivacea* (Smith, 1891)<sup>394</sup>

syn. “*C.*” *galva* (Strecker, 1898)<sup>395</sup>

932196 “*Cryphia*” *fascia* (Smith, 1903)

932197 “*Cryphia*” *flavidior* (Barnes & McDunnough, 1911)

syn. “*C.*” *fulvisparsa* (Hampson, 1914)<sup>396</sup>

932198 “*Cryphia*” *oaklandiae* (Barnes & McDunnough, 1911)

932199 “*Cryphia*” *nana* (Barnes & McDunnough, 1911)

932200 “*Cryphia*” *cuerva* (Barnes, 1907)

932201 “*Cryphia*” *pallidioides* Poole, 1989 ‡<sup>397</sup>

syn. “*C.*” *pallida* (Barnes & Lindsey, 1922)

932202 “*Cryphia*” *sarepta* (Barnes, 1907)

932203 “*Cryphia*” *albipuncta* (Barnes & McDunnough, 1910)

932204 “*Cryphia*” *flavipuncta* Mustelin, 2006 ‡

**Subfamily Noctuinae Latreille, 1809<sup>398</sup>**

**Tribe Pseudeustrotiini Beck, 1996 ‡**

932205 *Pseudeustrotia carneola* (Guenée, 1852)<sup>399</sup>

932206 *Pseudeustrotia indeterminata* (Barnes & McDunnough, 1918)<sup>400</sup>

932207 *Anterastris teratophora* (Herrich-Schäffer, [1854])<sup>401</sup>

**Tribe Phosphilini Poole, 1995 ‡<sup>402</sup>**

932208 *Phosphila turbulenta* Hübner, 1818

932209 *Phosphila miselioides* (Guenée, 1852)

932210 *Phosphila fernae* (Benjamin, 1933)<sup>403</sup>

932211 *Speocropia trichroma* (Herrich-Schäffer, 1868)

932212 *Phuphena tura* (Druce, 1889)<sup>404</sup>

syn. *P. obliqua* (Smith, 1900)

932213 *Acherdoa ferraria* Walker, 1865

**Tribe Prodeniini Forbes, 1954<sup>405</sup>**

932214 *Spodoptera hipparis* (Druce, 1889)<sup>406</sup>

932215 *Spodoptera exigua* (Hübner, [1808])

932216 *Spodoptera frugiperda* (J.E. Smith, 1797)

- 932217 *Spodoptera praefica* (Grote, 1875)  
 932218 *Spodoptera pulchella* (Herrich-Schäffer, 1868)  
 932219 *Spodoptera ornithogalli* (Guenée, 1852)  
 932220 *Spodoptera latifascia* (Walker, 1856)  
 932221 *Spodoptera dolichos* (Fabricius, 1794)  
 932222 *Spodoptera androgea* (Stoll, 1782) <sup>407</sup>  
 932223 *Spodoptera eridania* (Cramer, 1784)  
 932224 *Spodoptera albula* (Walker, 1857)  
**Tribe Elaphriini Beck, 1996 ‡ <sup>408</sup>**  
 932225 *Elaphria fuscimacula* (Grote, 1881)  
 932226 *Elaphria nucicolora* (Guenée, 1852)  
 932227 *Elaphria agrotina* (Guenée, 1852)  
 932228 *Elaphria versicolor* (Grote, 1875)  
 932229 *Elaphria devara* (Druce, 1898) <sup>409</sup>  
 932230 *Elaphria chalcedonia* (Hübner, [1808])  
 932231 *Elaphria deltoides* (Möschler, 1880) <sup>410</sup>  
 932232 *Elaphria georgei* (Moore & Rawson, 1939)  
 932233 *Elaphria festivoidea* (Guenée, 1852)  
 932234 *Elaphria alapallida* Pogue & Sullivan, 2003 ‡  
 932235 *Elaphria cornutinus* Saluke & Pogue, 2000 ‡  
 932236 *Elaphria exesa* (Guenée, 1852)  
 932237 *Elaphria subobliqua* (Walker, 1858) <sup>411</sup>  
 932238 *Elaphria grata* Hübner, 1818  
 932239 “*Elaphria*” *cyanympa* (Ferguson, [1989]) ‡ <sup>412</sup>  
 932240 *Bryolymnia viridimedia* (Smith, 1905)  
 932241 *Bryolymnia marti* Holland, 2010 ‡  
 932242 *Bryolymnia mixta* Lafontaine & Walsh, 2010 ‡  
 932243 *Bryolymnia ensina* (Barnes, 1907) <sup>413</sup>  
 932244 *Bryolymnia biformata* Lafontaine & Walsh, 2010 ‡  
 932245 *Bryolymnia anthracitaria* Ferris & McFarland, 2007 ‡  
 932246 *Bryolymnia semifascia* (Smith, 1900)  
 932247 *Bryolymnia viridata* (Harvey, 1876) <sup>413</sup>  
 932248 *Gonodes liquida* (Möschler, 1886)  
 932249 *Galgula partita* Guenée, 1852  
**Tribe Caradrinini Boisduval, 1840 <sup>414</sup>**  
**Subtribe Caradrinina Boisduval, 1840**  
 932250 *Protoperigea anotha* (Dyar, 1904)  
 932251 *Protoperigea posticata* (Harvey, 1875)  
 932252 *Protoperigea umbricata* Mustelin, 2006 ‡  
 932253 *Protoperigea subterminata* Mustelin, 2006 ‡  
 932254 *Protoperigea parvulata* Mustelin, 2006 ‡  
 932255 *Protoperigea calientensis* Mustelin, 2006 ‡  
 932256 *Caradrina morpheus* (Hufnagel, 1766)

- 932257 *Caradrina meralis* (Morrison, 1875) <sup>415</sup>  
 932258 *Caradrina camina* (Smith, 1894)  
 932259 *Caradrina beta* (Barnes & Benjamin, 1926) <sup>416</sup>  
 932260 *Caradrina montana* (Bremer, 1861) <sup>417</sup>  
     syn. *C. extima* (Walker, 1865)  
 932261 *Caradrina multifera* (Walker, [1857])  
 932262 *Caradrina mona* (Barnes & McDunnough, 1912)  
 932263 *Caradrina atrostriga* (Barnes & McDunnough, 1912)  
 932264 *Caradrina distinctoides* Poole, 1989 <sup>418</sup>  
     syn. *C. distincta* (Barnes, 1928), sec. homonym  
 932265 *Caradrina clavipalpis* (Scopoli, 1763) <sup>419</sup>  
**Subtribe Athetiina Fibiger & Lafontaine, 2005** <sup>420</sup>  
 932266 *Proxenus miranda* (Grote, 1873) <sup>421</sup>  
 932267 *Proxenus mindara* Barnes & McDunnough, 1913  
 932268 *Proxenus mendosa* McDunnough, 1927  
 932269 *Athetis tarda* (Guenée, 1852) <sup>422</sup>  
 932270 “*Anorthodes*” *triquetra* (Grote, 1883) <sup>423</sup>  
 932271 “*Anorthodes*” *indigena* (Barnes & Benjamin, 1925) <sup>423</sup>  
**Tribe Dypterygiini Forbes, 1954** <sup>424</sup>  
 932272 *Dypterygia rozmani* Berio, 1974  
 932273 *Dypterygia ligata* (Möschler, 1891) <sup>425</sup>  
 932274 *Dypterygia patina* (Harvey, 1875)  
 932275 *Dypterygia ordinarius* (Butler 1879) <sup>426</sup>  
 932276 *Dypterygia punctirena* (Walker, 1857) <sup>427</sup>  
 932277 “*Dypterygia*” *dolens* (Druce, 1909)  
 932278 *Acroria terens* (Walker, 1857) <sup>428</sup>  
 932279 *Neophaenis boucheri* Barbut & Lalanne-Cassou, 2004 ‡ <sup>429</sup>  
     syn. *N. respondens* of authors, not (Walker, 1858)  
 932280 *Trachea delicata* (Grote, 1874)  
 932281 *Magusa orbifera* (Walker, 1857) <sup>430</sup>  
 932282 *Magusa divaricata* (Grote, 1874) <sup>430</sup>  
**Tribe Actinotiini Beck, 1996 ‡** <sup>431</sup>  
 932283 *Nedra ramosula* (Guenée, 1852)  
 932284 *Nedra stewarti* (Grote, 1875)  
 932285 *Nedra dora* Clarke, 1940  
 932286 *Nedra hoeffleri* Clarke, 1940  
 932287 *Iodopepla u-album* (Guenée, 1852) <sup>432</sup>  
 932288 *Alastria chico* Lafontaine & Troubridge, 2004 ‡  
**Tribe Phlogophorini Hampson, 1918** <sup>433</sup>  
 932289 *Euplexia triplaga* (Walker, 1857)  
     syn. *E. brillians* Barnes & McDunnough, 1911 <sup>434</sup>  
 932290 *Euplexia benesimilis* McDunnough, 1922  
 932291 *Phlogophora iris* Guenée, 1852

- 932292 *Phlogophora periculosa* Guenée, 1852
- 932293 *Conservula anodonta* (Guenée, 1852)
- Tribe Apameini Guenée, 1841** <sup>435</sup>
- 932294 *Apamea verbascoides* (Guenée, 1852)
- 932295 *Apamea inebriata* Ferguson, 1977
- 932296 *Apamea nigrior* (Smith, 1891)
- 932297 *Apamea vulgaris* (Grote & Robinson, 1866)
- 932298 *Apamea wikeri* Quinter & Lafontaine, 2009 ‡
- 932299 *Apamea cristata* (Grote, 1878)
- 932300 *Apamea cariosa* (Guenée, 1852) <sup>436</sup>  
syn. *A. dionea* (Smith, 1899)
- 932301 *Apamea quinteri* Mikkola & Lafontaine, 2009 ‡
- 932302 *Apamea apamiformis* (Guenée, 1852)
- 932303 *Apamea vultuosa* (Grote, 1875)  
ssp. *A. v. vultuosa* (Grote, 1875)  
ssp. *A. v. multicolor* (Dyar, 1904) <sup>437</sup>
- 932304 *Apamea plutonia* (Grote, 1883)
- 932305 *Apamea perpensa* (Grote, 1881)
- 932306 *Apamea xylodes* Mikkola & Lafontaine, 2009 ‡
- 932307 *Apamea alia* (Guenée, 1852)
- 932308 *Apamea unanims* (Hübner, [1813]) <sup>438</sup>
- 932309 *Apamea remissa* (Hübner, [1809]) <sup>439</sup>
- 932310 *Apamea indocilis* (Walker, 1856) <sup>440</sup>  
syn. *A. ampliata* (McDunnough, 1940)
- 932311 *Apamea impulsa* (Guenée, 1852)
- 932312 *Apamea unita* (Smith, 1904)
- 932313 *Apamea cuculliformis* (Grote, 1875)
- 932314 *Apamea sordens* (Hufnagel, 1766) <sup>441</sup>  
ssp. *A. s. finitima* (Guenée, 1852)  
ssp. *A. s. sableana* Mikkola, 2009 ‡
- 932315 *Apamea digitula* Mustelin & Mikkola, 2006 ‡
- 932316 *Apamea inordinata* (Morrison, 1875) <sup>442</sup>  
ssp. *A. i. inordinata* (Morrison, 1875)  
ssp. *A. i. semilunata* (Grote, 1881)  
ssp. *A. i. olympia* Crabo, 2009 ‡
- 932317 *Apamea spaldingi* (Smith, 1909)
- 932318 *Apamea cinefacta* (Grote, 1881)
- 932319 *Apamea lignicolora* (Guenée, 1852)
- 932320 *Apamea atriclava* (Barnes & McDunnough, 1913) <sup>443</sup>
- 932321 *Apamea smythi* Franclemont, 1952
- 932322 *Apamea helva* (Grote, 1875) <sup>444</sup>
- 932323 *Apamea antennata* (Smith, 1891)
- 932324 *Apamea siskiyou* Mikkola & Lafontaine, 2009 ‡

- 932325 *Apamea atosuffusa* (Barnes & McDunnough, 1913) <sup>440</sup>  
syn. *A. grotei* (Barnes & McDunnough, 1914)
- 932326 *Apamea auranticolor* (Grote, 1873)
- 932327 *Apamea sora* (Smith, 1903) <sup>445</sup>
- 932328 *Apamea tahoensis* Mikkola & Lafontaine, 2009 ‡
- 932329 *Apamea commoda* (Walker, 1857) <sup>442</sup>  
ssp. *A. c. commoda* (Walker, 1857)  
ssp. *A. c. parcata* (Smith, 1903)  
ssp. *A. c. striolata* Mikkola, 2009 ‡
- 932330 *Apamea centralis* (Smith, 1891)
- 932331 *Apamea genialis* (Grote, 1874)
- 932332 *Apamea occidens* (Grote, 1878)
- 932333 *Apamea amputatrix* (Fitch, 1857) <sup>440</sup>  
syn. *A. castanea* (Grote, 1874)
- 932334 *Apamea walshi* Lafontaine, 2009 ‡
- 932335 *Apamea albina* (Grote, 1874)
- 932336 *Apamea maxima* (Dyar, 1904)
- 932337 *Apamea robertsoni* Mikkola & Mustelin, 2006 ‡
- 932338 *Apamea acera* (Smith, 1900)
- 932339 *Apamea burgessi* (Morrison, 1874) <sup>444</sup>  
ssp. *A. b. burgessi* (Morrison, 1874) <sup>442</sup>  
ssp. *A. b. leucoptera* Mikkola, 2009 ‡  
ssp. *A. b. ona* (Smith, 1909)
- 932340 *Apamea relicina* (Morrison, 1875) <sup>442</sup>  
ssp. *A. r. relicina* (Morrison, 1875)  
ssp. *A. r. migrata* (Smith, 1903)
- 932341 *Apamea longula* (Grote, 1879)
- 932342 *Apamea bernardino* Mikkola & Mustelin, 2000 ‡
- 932343 *Apamea scoparia* Mikkola, Mustelin & Lafontaine, 2000 ‡ <sup>442</sup>  
ssp. *A. s. scoparia* Mikkola, Mustelin & Lafontaine, 2000  
syn. *A. lateritia* of authors, not (Hufnagel, 1766) <sup>446</sup>  
ssp. *A. s. gabrieli* Mikkola & Mustelin, 2000 ‡
- 932344 *Apamea dubitans* (Walker, 1856)
- 932345 *Apamea cogitata* (Smith, 1891) <sup>447</sup>
- 932346 *Apamea geminimacula* (Dyar, 1904)
- 932347 *Apamea inficita* (Walker, 1857) <sup>442</sup>  
ssp. *A. i. inficita* (Walker, 1857)  
syn. *A. popofensis* (Smith, 1900)  
ssp. *A. i. indela* (Smith, 1910)  
ssp. *A. i. conradi* (Grote, 1879)
- 932348 *Apamea lutosa* (Andrews, 1877)
- 932349 *Apamea fergusonii* Mikkola & Lafontaine, 2009 ‡

- 932350 *Apamea devastator* (Brace, 1819)
- 932351 *Apamea zeta* (Treitschke, 1825)<sup>442</sup>  
 ssp. *A. z. exulis* (Lefebvre, 1836)  
 ssp. *A. z. downesi* Mikkola, 2009 ‡  
 ssp. *A. z. murrayi* (Gibson, 1920)  
 ssp. *A. z. pelagica* Mikkola, 2009 ‡  
 ssp. *A. z. nichollae* Hampson, 1908
- 932352 *Apamea alticola* (Smith, 1891)<sup>445</sup>
- 932353 *Apamea rubrivena* (Treitschke, 1825)<sup>439</sup>
- 932354 *Apamea contradicta* (Smith, 1895)<sup>444</sup>  
 syn. *A. exornata* (Möschler, 1860), homonym<sup>448</sup>
- 932355 *Apamea niveivenosa* (Grote, 1879)<sup>444</sup>  
 ssp. *A. n. niveivenosa* (Grote, 1879)<sup>442</sup>  
 syn. *A. extensa* (Smith, 1905)  
 ssp. *A. n. obscuroides* Poole, 1989<sup>449</sup>  
 syn. *A. obscura* (Barnes & McDunnough, 1911), homonym
- 932356 *Apamea lintneri* (Grote, 1873)<sup>450</sup>
- 932357 *Apamea pallifera* (Grote, 1877)<sup>451</sup>
- 932358 *Loscopia velata* (Walker, 1865)<sup>452</sup>
- 932359 *Loscopia roblei* Quinter & Lafontaine, 2009 ‡
- 932360 *Protapamea danieli* Quinter, 2009 ‡<sup>453</sup>
- 932361 *Protapamea louisae* Quinter, 2009 ‡
- 932362 *Melanapamea mixta* (Grote, 1881)<sup>454</sup>
- 932363 *Lateroligia ophiogramma* (Esper, 1793)<sup>455</sup>
- 932364 “*Resapamea*” *trigona* (Smith, 1902)<sup>456</sup>
- 932365 *Resapamea innota* (Smith, 1908)<sup>457</sup>
- 932366 *Resapamea venosa* (Smith, 1903)
- 932367 *Resapamea enargia* (Barnes & Benjamin, 1926)<sup>457</sup>
- 932368 *Resapamea passer* (Guenée, 1852)<sup>458</sup>  
 syn. *R. virguncula* (Smith, 1899)  
 syn. *R. morna* (Strecker, 1878)
- 932369 “*Resapamea*” *stipata* (Morrison, 1875)<sup>459</sup>
- 932370 *Mesapamea fractilinea* (Grote, 1874)<sup>460</sup>
- 932371 *Mesapamea arbora* (Barnes & McDunnough, 1912)  
 syn. *M. mactatoides* (Barnes & McDunnough, 1912)<sup>461</sup>
- 932372 *Eremobina claudens* (Walker, 1857)<sup>462</sup>  
 syn. *E. hilli* (Grote, 1876)  
 syn. *E. albertina* (Hampson, 1908)  
 syn. *E. hanhami* (Barnes & Benjamin, 1924)
- 932373 *Eremobina uncinata* (Smith, 1902)
- 932374 *Eremobina leucoscelis* (Grote, 1874)<sup>463</sup>  
 syn. *E. fibulata* (Morrison, 1874)  
 syn. *E. jocasta* (Smith, 1900)

- 932375 *Oligia strigilis* (Linnaeus, 1758) <sup>464</sup>
- 932376 *Oligia latruncula* ([Denis & Schiffermüller], 1775) <sup>465</sup>
- 932377 “*Oligia*” *chlorostigma* (Harvey, 1876) <sup>466</sup>
- 932378 “*Oligia*” *modica* (Guenée, 1852)
- 932379 “*Oligia*” *tusa* (Grote, 1878)
- 932380 “*Oligia*” *violacea* (Grote, 1881)
- 932381 “*Oligia*” *rampartensis* Barnes & Benjamin, 1923 <sup>467</sup>
- 932382 “*Oligia*” *bridghamii* (Grote & Robinson, 1866)
- 932383 “*Oligia*” *egens* (Walker, [1857])
- 932384 “*Oligia*” *minuscule* (Morrison, 1875)
- 932385 “*Oligia*” *obtusa* (Smith, 1902)
- 932386 “*Oligia*” *divesta* (Grote, 1874)
- 932387 *Neoligia semicana* (Walker, 1865) <sup>468</sup>  
syn. *N. hausta* (Grote, 1882) <sup>469</sup>
- 932388 *Neoligia canadensis* Troubridge & Lafontaine, 2002 ‡
- 932389 *Neoligia atlantica* Troubridge & Lafontaine, 2002 ‡
- 932390 *Neoligia exhausta* (Smith, 1903)
- 932391 *Neoligia crytora* (Franclemont, 1950)
- 932392 *Neoligia subjuncta* (Smith, 1898)  
syn. *N. laevigata* (Smith, 1898) <sup>469</sup>
- 932393 *Neoligia inermis* Troubridge & Lafontaine, 2002 ‡
- 932394 *Neoligia pagosa* Troubridge & Lafontaine, 2002 ‡
- 932395 *Neoligia hardwicki* Troubridge & Lafontaine, 2002 ‡
- 932396 *Neoligia surdirena* Troubridge & Lafontaine, 2002 ‡
- 932397 *Neoligia tonsa* (Grote, 1880)
- 932398 *Neoligia rubirena* Troubridge & Lafontaine, 2002 ‡
- 932399 *Neoligia invenusta* Troubridge & Lafontaine, 2002 ‡
- 932400 *Neoligia elephas* Troubridge & Lafontaine, 2002 ‡
- 932401 *Neoligia albirena* Troubridge & Lafontaine, 2002 ‡
- 932402 *Neoligia lancea* Troubridge & Lafontaine, 2002 ‡
- 932403 *Neoligia lillooet* Troubridge & Lafontaine, 2002 ‡
- 932404 *Euros cervina* (H. Edwards, 1890)
- 932405 *Euros osticollis* Troubridge, 2006 ‡
- 932406 *Euros proprius* H. Edwards, 1881
- 932407 *Cobalos angelicus* Smith, 1899
- 932408 *Cobalos franciscanus* Smith, 1899
- 932409 *Meropleon cosmion* Dyar, 1924
- 932410 *Meropleon cinnamicolor* Ferguson, 1982 ‡
- 932411 *Meropleon linæ* Metlevski, 2005 ‡
- 932412 *Meropleon titan* Todd, 1958
- 932413 *Meropleon diversicolor* (Morrison, 1874)
- 932414 *Meropleon ambifusca* (Newman, 1948)
- 932415 *Lemmeria digitalis* (Grote, 1882)

- 932416 *Xylomoia chagnoni* Barnes & McDunnough, 1917
- 932417 *Xylomoia indirecta* (Grote, 1875) <sup>470</sup>
- 932418 *Orthomoia bloomfieldi* Mustelin, 2000 ‡
- 932419 *Photedes inops* (Grote, 1881) <sup>471</sup>
- 932420 *Photedes carterae* (Schweitzer, 1984) ‡ <sup>471</sup>
- 932421 *Photedes includens* (Walker, [1858]) <sup>471</sup>
- 932422 *Photedes panatela* (Smith, 1904) <sup>471</sup>
- 932423 *Photedes didonea* (Smith, 1894) <sup>472</sup>
- 932424 “*Photedes*” *enervata* (Guenée, 1852) <sup>473</sup>  
syn. “*P.*” *orphnina* (Dyar, 1912) <sup>473</sup>
- 932425 “*Photedes*” *defecta* (Grote, 1874) <sup>473</sup>
- 932426 *Hypocoena inquinata* (Guenée, 1852) <sup>474</sup>  
syn. *H. variana* (Morrison, 1876) <sup>474</sup>
- 932427 *Hypocoena sofiae* (Mustelin, 2006) ‡ <sup>474</sup>
- 932428 *Hypocoena basistriga* (McDunnough, 1933) <sup>474</sup>
- 932429 *Hypocoena rufostrigata* (Packard, 1867) <sup>474</sup>
- 932430 *Hypocoena stigmatica* (Eversmann, 1855) <sup>475</sup>
- 932431 “*Acrapex*” *relicta* Ferguson, 1991 ‡
- 932432 *Franclemontia interrogans* (Walker, 1856)
- 932433 *Benjaminiola colorada* (Smith, 1900)
- 932434 *Mammifrontia leucania* Barnes & Lindsey, 1922
- 932435 *Mammifrontia rileyi* Benjamin, 1936
- 932436 *Mammifrontia sarae* Mustelin, 2006 ‡
- 932437 *Rhizedra lutosa* (Hübner, [1803]) <sup>476</sup>
- 932438 *Capsula oblonga* (Grote, 1882) <sup>477</sup>
- 932439 *Capsula subflava* (Grote, 1882)
- 932440 *Capsula alameda* (Smith, 1903) <sup>478</sup>
- 932441 *Capsula laeta* (Morrison, 1875)
- 932442 *Macronoctua onusta* Grote, 1874
- 932443 *Helotropha reniformis* (Grote, 1874) <sup>479</sup>
- 932444 *Achatodes zae* (Harris, 1841)
- 932445 *Peraniana dissociata* (Barnes & McDunnough, 1910)
- 932446 *Amphipoea interoceanica* (Smith, 1899) <sup>480</sup>
- 932447 *Amphipoea americana* (Speyer, 1875)
- 932448 *Amphipoea pacifica* (Smith, 1899) <sup>481</sup>
- 932449 *Amphipoea cottlei* (McDunnough, 1948)
- 932450 *Amphipoea senilis* (Smith, 1892)  
syn. *A. flavostigma* (Barnes & Benjamin, 1924) <sup>482</sup>
- 932451 *Amphipoea keiferi* (Benjamin, 1935)
- 932452 “*Amphipoea*” *lunata* (Smith, 1891)
- 932453 “*Amphipoea*” *erepta* (Grote, 1881)
- 932454 *Hydraecia pallescens* Smith, 1899 <sup>480</sup>
- 932455 *Hydraecia medialis* Smith, 1892

- 932456 *Hydraecia obliqua* Harvey, 1876
- 932457 *Hydraecia immanis* Guenée, 1852
- 932458 *Hydraecia micacea* (Esper, 1789)
- 932459 *Hydraecia perobliqua* Hampson, 1910
- 932460 *Hydraecia stramentosa* Guenée, 1852
- 932461 *Hydraecia intermedia* (Barnes & Benjamin, 1924)
- 932462 *Hydraecia ximena* (Barnes & Benjamin, 1924)
- 932463 *Hydraecia columbia* (Barnes & Benjamin, 1924)
- 932464 *Parapamea buffaloensis* (Grote, 1877) <sup>480</sup>
- 932465 *Papaipema unimoda* (Smith, 1894) <sup>480</sup>
- 932466 *Papaipema cerina* (Grote, 1874)
- 932467 *Papaipema appassionata* (Harvey, 1876)
- 932468 *Papaipema furcata* (Smith, 1899)
- 932469 *Papaipema eryngii* Bird, 1917
- 932470 *Papaipema cerussata* (Grote, 1864)
- 932471 *Papaipema sciata* Bird, 1908
- 932472 *Papaipema marginidens* (Guenée, 1852)
- 932473 *Papaipema nepheleptena* (Dyar, 1908)
- 932474 *Papaipema stenocelis* (Dyar, 1907)
- 932475 *Papaipema speciosissima* (Grote & Robinson, 1868)
- 932476 *Papaipema inquaesita* (Grote & Robinson, 1868)
- 932477 *Papaipema circumlucens* (Smith, 1899)
- 932478 *Papaipema birdi* (Dyar, 1908)
- 932479 *Papaipema pertincta* Dyar, 1920
- 932480 *Papaipema insulidens* (Bird, 1902)
- 932481 *Papaipema dribi* Barnes & Benjamin, 1926
- 932482 *Papaipema astuta* Bird, 1907
- 932483 *Papaipema harrisii* (Grote, 1881)
- 932484 *Papaipema verona* (Smith, 1899)
- 932485 *Papaipema sauzalitae* (Grote, 1875)
- 932486 *Papaipema angelica* (Smith, 1899)
- 932487 *Papaipema lysimachiae* Bird, 1914
- 932488 *Papaipema leucostigma* (Harris, 1841)
- 932489 *Papaipema pterisii* Bird, 1907
- 932490 *Papaipema polymniae* Bird, 1917
- 932491 *Papaipema araliae* Bird & Jones, 1921
- 932492 *Papaipema arctivorens* Hampson, 1910
- 932493 *Papaipema rutila* (Guenée, 1852)
- 932494 *Papaipema baptisiae* (Bird, 1902)
- 932495 *Papaipema limata* Bird, 1908 <sup>480</sup>
- 932496 *Papaipema duovata* (Bird, 1902)
- 932497 *Papaipema cataphracta* (Grote, 1864)
- 932498 *Papaipema sulphurata* Bird, 1926

- 932499 *Papaipema aerata* (Lyman, 1901)  
 932500 *Papaipema impecuniosa* (Grote, 1881)  
 932501 *Papaipema nebris* (Guenée, 1852)  
 932502 *Papaipema eupatorii* (Lyman, 1905)  
 932503 *Papaipema duplicatus* Bird, 1908  
 932504 *Papaipema limpida* (Guenée, 1852)  
 932505 *Papaipema rigida* (Grote, 1877)  
 932506 *Papaipema nelita* (Strecker, 1898)  
 932507 *Papaipema aweme* (Lyman, 1908)  
 932508 *Papaipema beeriana* Bird, 1923  
 932509 *Papaipema maritima* Bird, 1909  
 932510 *Papaipema necopina* (Grote, 1876)  
 932511 *Papaipema silphii* Bird, 1915  
 932512 *Selicanis cinereola* Smith, 1900 <sup>480</sup>  
**Tribe Arzamini Grote, 1883** <sup>483</sup>  
 932513 *Bellura gortynoides* Walker, 1865  
 932514 *Bellura vulnifica* (Grote, 1873) <sup>484</sup>  
     syn. *B. diffusa* (Grote, 1878)  
     syn. *B. melanopyga* (Grote, 1881)  
 932515 *Bellura brehmei* (Barnes & McDunnough, 1916)  
 932516 *Bellura anoa* (Dyar, 1913) <sup>485</sup>  
 932517 *Bellura obliqua* (Walker, 1865)  
 932518 *Bellura densa* (Walker, 1865)  
**Tribe Xylenini Guenée, 1837** <sup>486</sup>  
**Subtribe Xylenina Guenée, 1837** <sup>486</sup>  
 932519 *Xylena nupera* (Lintner, 1874)  
 932520 *Xylena curvimacula* (Morrison, 1874)  
 932521 *Xylena thoracica* (Putnam-Cramer, 1886)  
 932522 *Xylena cineritia* (Grote, 1875)  
 932523 *Xylena brucei* (Smith, 1892)  
 932524 *Lithomoia germana* (Morrison, 1875) <sup>487</sup>  
     syn. *L. solidaginis* of authors, not (Hübner, 1803)  
 932525 *Homoglaea variegata* Barnes & McDunnough, 1918  
 932526 *Homoglaea californica* (Smith, 1891)  
 932527 *Homoglaea hircina* Morrison, 1876  
 932528 *Homoglaea dives* Smith, 1907  
 932529 *Homoglaea carbonaria* (Harvey, 1876)  
 932530 *Litholomia napaea* (Morrison, 1874)  
 932531 *Lithophane semiusta* Grote, 1874  
 932532 *Lithophane patefacta* (Walker, 1858)  
 932533 *Lithophane bethunei* (Grote & Robinson, 1868)  
 932534 *Lithophane innominata* (Smith, 1893)  
 932535 *Lithophane franclemonti* Metzler, 1998 ‡

- 932536 *Lithophane petulca* Grote, 1874  
syn. *L. ferrealis* Grote, 1874 <sup>488</sup>
- 932537 *Lithophane disposita* Morrison, 1874
- 932538 *Lithophane hemina* Grote, 1874
- 932539 *Lithophane lanei* Troubridge, 2006 ‡
- 932540 *Lithophane joannis* Metzler & Covell, 1992 ‡
- 932541 *Lithophane oriunda* Grote, 1874
- 932542 *Lithophane signosa* (Walker, 1857)
- 932543 *Lithophane contra* (Barnes & Benjamin, 1924)
- 932544 *Lithophane amanda* (Smith, 1900)
- 932545 *Lithophane pexata* Grote, 1874
- 932546 *Lithophane dilatocula* (Smith, 1900)
- 932547 *Lithophane thaxteri* Grote, 1874
- 932548 *Lithophane fagina* Morrison, 1874
- 932549 *Lithophane baileyi* Grote, 1877  
syn. *L. vivida* (Dyar, 1910) <sup>489</sup>
- 932550 *Lithophane querquera* Grote, 1874  
syn. *L. nigrescens* (Engel, 1905) <sup>490</sup>
- 932551 *Lithophane scottae* Troubridge, 2006 ‡
- 932552 *Lithophane viridipallens* Grote, 1877
- 932553 *Lithophane tepida* Grote, 1874
- 932554 *Lithophane tephрина* Franclemont, 1969
- 932555 *Lithophane abita* Brou & Lafontaine, 2009 ‡
- 932556 *Lithophane atara* (Smith, 1909)
- 932557 *Lithophane leae* Walsh, 2009 ‡
- 932558 *Lithophane lepida* Grote, 1878
- 932559 *Lithophane adipel* (Benjamin, 1936)
- 932560 *Lithophane ponderosa* Troubridge & Lafontaine, 2003 ‡
- 932561 *Lithophane jefferyi* Troubridge & Lafontaine, 2003 ‡
- 932562 *Lithophane nasar* (Smith, 1909)
- 932563 *Lithophane vanduzeei* (Barnes, 1928)
- 932564 *Lithophane gausapata* Grote, 1883
- 932565 *Lithophane itata* (Smith, 1899)
- 932566 *Lithophane lemmeri* (Barnes & Benjamin, 1929)
- 932567 *Lithophane subtilis* Franclemont, 1969
- 932568 *Lithophane boogeri* Troubridge, 2006 ‡
- 932569 *Lithophane longior* (Smith, 1899)
- 932570 *Lithophane tarda* Barnes & Benjamin, 1925
- 932571 *Lithophane thujae* Webster & Thomas, 2000 ‡
- 932572 *Lithophane contenta* Grote, 1880
- 932573 *Lithophane georgii* Grote, 1875
- 932574 *Lithophane pruenae* (Dyar, 1910)
- 932575 *Lithophane puella* (Smith, 1900)

- 932576 *Lithophane laceyi* (Barnes & McDunnough, 1913)
- 932577 *Lithophane antennata* (Walker, 1858)
- 932578 *Lithophane torrida* (Smith, 1899)
- 932579 *Lithophane pertorrida* (McDunnough, 1942)
- 932580 *Lithophane laticinerea* Grote, 1874
- 932581 *Lithophane grotei* Riley, 1882
- 932582 *Lithophane unimoda* (Lintner, 1878)
- 932583 *Pyreferra hesperidago* (Guenée, 1852)
- 932584 *Pyreferra citrombra* Franclemont, 1941
- 932585 *Pyreferra ceromatica* (Grote, 1874)
- 932586 *Pyreferra pettiti* (Grote, 1874)
- 932587 *Eupsilia vinulenta* (Grote, 1864)
- 932588 *Eupsilia sidus* (Guenée, 1852)
- 932589 *Eupsilia cirripalea* Franclemont, 1952
- 932590 *Eupsilia tristigmata* (Grote, 1877)
- 932591 *Eupsilia morrisoni* (Grote, 1874)
- 932592 *Eupsilia knowltoni* McDunnough, 1946
- 932593 *Eupsilia fringata* (Barnes & McDunnough, 1916)
- 932594 *Eupsilia devia* (Grote, 1875)
- 932595 *Sericaglaea signata* (French, 1879)
- 932596 *Xystopeplus rufago* (Hübner, 1818)
- 932597 *Metaxaglaea inulta* (Grote, 1874)
- 932598 *Metaxaglaea viatica* (Grote, 1874)
- 932599 *Metaxaglaea semitaria* Franclemont, 1968
- 932600 *Metaxaglaea australis* Schweitzer, 1979
- 932601 *Metaxaglaea violacea* Schweitzer, 1979
- 932602 *Epiglaea decliva* (Grote, 1874)
- 932603 *Epiglaea apiata* (Grote, 1874)
- 932604 *Chaetaglaea cerata* Franclemont, 1943
- 932605 *Chaetaglaea fergusonii* Brou, 1997 ‡
- 932606 *Chaetaglaea tremula* (Harvey, 1875)
- 932607 *Chaetaglaea sericea* (Morrison, 1874)
- 932608 *Psectraglaea carnosa* (Grote, 1877)
- 932609 *Eucirroedia pampina* (Guenée, 1852)
- 932610 *Mesogona olivata* (Harvey, 1874)
- 932611 *Mesogona rubra* Hammond & Crabo, [1998] ‡
- 932612 *Mesogona subcuprea* Crabo & Hammond, [1998] ‡
- 932613 *Agrochola purpurea* (Grote, 1874)
- 932614 *Agrochola pulchella* (Smith, 1900)
- 932615 *Agrochola lota* (Clerck, 1759)
- 932616 *Sunira bicolorago* (Guenée, 1852) <sup>491</sup>  
syn. *S. straminea* (Smith, 1907) <sup>492</sup>
- 932617 *Sunira decipiens* (Grote, 1881)
- 932618 *Sunira verberata* (Smith, 1904)

- 932619 *Anathix ralla* (Grote & Robinson, 1868)
- 932620 *Anathix puta* (Grote & Robinson, 1868)
- 932621 *Anathix aggressa* (Smith, 1907)
- 932622 *Xanthia tatago* Lafontaine & Mikkola, 2003 ‡
- 932623 *Hillia maida* (Dyar, 1904)
- 932624 *Hillia iris* (Zetterstedt, 1839)
- 932625 *Parastichtis suspecta* (Hübner, [1817])<sup>493</sup>  
syn. *P. discivaria* (Walker, 1856)
- 932626 *Aseptis fumosa* (Grote, 1879)
- 932627 *Aseptis catalina* (Smith, 1899)
- 932628 *Aseptis perfumosa* (Hampson, 1918)
- 932629 *Aseptis fumeola* (Hampson, 1908)
- 932630 *Aseptis ethnica* (Smith, 1899)
- 932631 *Aseptis fannatica* Mustelin, 2006 ‡
- 932632 *Aseptis ferruginea* Mustelin, 2000 ‡
- 932633 *Aseptis murina* Mustelin, 2000 ‡
- 932634 *Aseptis binotata* (Walker, 1865)
- 932635 *Aseptis adnixa* (Grote, 1880)
- 932636 *Aseptis paviae* (Strecker, 1874)
- 932637 *Aseptis pausis* (Smith, 1899)
- 932638 *Aseptis pseudolichena* Mustelin & Leuschner, 2000 ‡
- 932639 *Aseptis lichena* (Barnes & McDunnough, 1912)<sup>494</sup>
- 932640 *Aseptis genatrix* (Grote, 1878)
- 932641 *Aseptis dilara* (Strecker, 1899)
- 932642 *Aseptis cara* (Barnes & McDunnough, 1912)
- 932643 *Aseptis susquesa* (Smith, 1908)
- 932644 *Aseptis monica* (Barnes & McDunnough, 1918)
- 932645 *Aseptis serrula* (Barnes & McDunnough, 1918)
- 932646 *Aseptis torreyana* Mustelin, 2006 ‡
- 932647 *Aseptis bultata* (Smith, 1906)
- 932648 *Aseptis characta* (Grote, 1880)
- 932649 “*Aseptis*” *marina* (Grote, 1874)<sup>495</sup>
- 932650 *Epidemas cinerea* Smith, 1894
- 932651 *Epidemas obscurus* Smith, 1903<sup>496</sup>  
syn. *E. melanographa* Hampson, 1906
- 932652 *Brachylomia elda* (French, 1887)
- 932653 *Brachylomia populi* (Strecker, 1898)
- 932654 *Brachylomia algens* (Grote, 1878)
- 932655 *Brachylomia discolor* (Smith, 1904)<sup>497</sup>
- 932656 *Brachylomia discinigra* (Walker, 1856)
- 932657 *Brachylomia curvifascia* (Smith, 1891)
- 932658 *Brachylomia obscurifascia* Troubridge & Lafontaine, 2007 ‡
- 932659 *Brachylomia rectifascia* (Smith, 1891)
- 932660 *Brachylomia pallida* Troubridge & Lafontaine, 2007 ‡

- 932661 *Brachylomia cascadia* Troubridge & Lafontaine, 2007 ‡  
 932662 *Brachylomia thula* (Strecker, 1898)  
 932663 *Brachylomia sierra* Troubridge & Lafontaine, 2007 ‡  
 932664 *Hyppa xylinoides* (Guenée, 1852)<sup>498</sup>  
     syn. *H. ancocisconensis* Morrison, 1875  
 932665 *Hyppa contrasta* McDunnough, 1946<sup>498</sup>  
     syn. *H. ancocisconensis* of authors, not Morrison, 1875  
 932666 *Hyppa potamus* Troubridge & Lafontaine, 2004 ‡  
 932667 *Hyppa brunneicrista* Smith, 1902  
 932668 *Hyppa indistincta* Smith, 1894  
**Subtribe Cosmiina Guenée, 1852**<sup>499</sup>  
 932669 *Cosmia epipaschia* (Grote, 1883)<sup>500</sup>  
 932670 *Cosmia praeacuta* (Smith, 1894)<sup>500</sup>  
     syn. *C. parvimacula* Smith, 1903<sup>501</sup>  
 932671 *Cosmia elisae* Lafontaine & Troubridge, 2003 ‡  
 932672 *Cosmia calami* (Harvey, 1876)  
 932673 *Zotheca tranquilla* Grote, 1874  
 932674 *Enargia decolor* (Walker, 1858)  
 932675 *Enargia infumata* (Grote, 1874)<sup>502</sup>  
     syn. *E. mephisto* Franclemont, 1939  
 932676 *Enargia fausta* Schmidt, 2010 ‡<sup>503</sup>  
     syn. *infumata* of authors, not (Grote, 1874)  
 932677 *Ipimorpha nanaimo* Barnes, 1905  
 932678 *Ipimorpha viridipallida* Barnes & McDunnough, 1916  
 932679 *Ipimorpha pleonectusa* Grote, 1873<sup>504</sup>  
     syn. *I. subvexa* Grote, 1876  
**Subtribe Antitypina Forbes & Franclemont, 1954**<sup>505</sup>  
 932680 *Andropolia diversilineata* (Grote, 1877)  
 932681 *Andropolia contacta* (Walker, 1856)<sup>506</sup>  
     syn. *A. sansar* (Strecker, 1898)  
     syn. *A. extincta* (Smith, 1900)<sup>506</sup>  
 932682 *Andropolia olorina* (Grote, 1876)  
 932683 *Andropolia olga* Smith, 1911<sup>507</sup>  
 932684 *Andropolia aedon* (Grote, 1880)  
 932685 *Andropolia theodori* (Grote, 1878)  
 932686 *Rhizagrotis cloanthoides* (Grote, 1881)  
 932687 *Rhizagrotis albalis* (Grote, 1878)  
 932688 *Rhizagrotis modesta* (Barnes & McDunnough, 1911)<sup>508</sup>  
 932689 *Rhizagrotis stylata* (Smith, 1893)<sup>508</sup>  
 932690 *Pseudohadena vulnerea* (Grote, 1883)  
 932691 *Fishia discors* (Grote, 1881)<sup>509</sup>  
     syn. *F. evelina* (French, 1888)  
     syn. *F. hanhami* Smith, 1909

- 932692 *Fishia connecta* (Smith, 1894)
- 932693 *Fishia yosemitae* (Grote, 1873) <sup>510</sup>  
syn. *F. enthea* Grote, 1877  
syn. *F. tortilis* (Grote, 1880) <sup>510</sup>  
syn. *F. betsia* Smith, 1905  
syn. *F. instruta* Smith, 1910
- 932694 *Fishia dispar* (Smith, 1900) <sup>511</sup>
- 932695 *Fishia illocata* (Walker, 1857) <sup>512</sup>
- 932696 *Platypolia anceps* (Stephens, 1850)
- 932697 *Platypolia contadina* (Smith, 1894)
- 932698 *Platypolia loda* (Strecker, 1898)
- 932699 “*Platypolia*” *mactata* (Guenée, 1852) <sup>513</sup>
- 932700 *Xylotype capax* (Grote, 1868)
- 932701 *Xylotype arcadia* Barnes & Benjamin, 1922 <sup>514</sup>  
syn. *X. acadia* of authors; invalid emmendation
- 932702 *Dryotype opina* (Grote, 1878)
- 932703 *Mniotype adusta* (Esper, [1790]) <sup>515</sup>  
syn. *M. sommeri* (Lefebvre, 1836)
- 932704 *Mniotype pallescens* McDunnough, 1946
- 932705 *Mniotype ducta* (Grote, 1878) <sup>516</sup>  
syn. *M. versuta* (Smith, 1895)
- 932706 *Mniotype tenera* (Smith, 1900) <sup>517</sup>  
syn. *M. miniota* (Smith, 1908)  
syn. *M. ferida* (Smith, 1908) <sup>518</sup>
- 932707 *Sutyna privata* (Walker, 1857) <sup>519</sup>  
syn. *S. profundus* (Smith, 1900)  
syn. *S. tenuilinea* (Smith, 1903) <sup>519</sup>
- 932708 *Pachypolia atricornis* Grote, 1874  
**Subtribe Ufeina Crumb, 1956** <sup>520</sup>
- 932709 *Ufeus satyricus* Grote, 1873 <sup>521</sup>  
ssp. *U. s. satyricus* Grote, 1873  
syn. *U. barometricus* (Goossens, 1881)  
ssp. *U. s. saggiatarius* Grote, 1883 <sup>522</sup>
- 932710 *Ufeus plicatus* Grote, 1873 <sup>523</sup>  
syn. *U. unicolor* Grote, 1878
- 932711 *Ufeus electra* Smith, 1908 <sup>524</sup>  
syn. *U. hulsti* Smith, 1908
- 932712 *Ufeus faunus* Strecker, 1898  
**Tribe Xylenini (incertae sedis)** <sup>525</sup>
- 932713 *Chytonix palliatricula* (Guenée, 1852)
- 932714 *Chytonix sensilis* Grote, 1881
- 932715 *Chytonix rupertii* Franclemont, 1941
- 932716 *Niphonyx segregata* (Butler, 1878) <sup>526</sup>

- 932717 *Agrotisia evelinae* Benjamin, 1933  
 932718 *Properigea loculosa* (Grote, 1881)  
 932719 *Properigea albimacula* (Barnes & McDunnough, 1912)  
 932720 *Properigea costa* (Barnes & Benjamin, 1923)  
 932721 *Properigea continens* (H. Edwards, 1885)  
 932722 *Properigea mephisto* (A. Blanchard, 1968)  
 932723 *Properigea tapeta* (Smith, 1900)  
 932724 *Properigea seitzii* (Barnes & Benjamin, 1926)  
 932725 *Properigea suffusa* (Barnes & McDunnough, 1912)  
 932726 *Properigea perolivalis* (Barnes & McDunnough, 1912)  
 932727 *Properigea niveirena* (Harvey, 1876)  
 932728 *Hemibryomima chryselectra* (Grote, 1880)  
 932729 *Pseudobryomima distans* (Barnes & McDunnough, 1912)  
 932730 *Pseudobryomima muscosa* (Hampson, 1906)  
 932731 *Pseudobryomima fallax* (Hampson, 1906)  
 932732 *Pseudanarta flavidens* (Grote, 1879)  
 932733 *Pseudanarta actura* Smith, 1908  
 932734 *Pseudanarta basivirida* (Barnes & McDunnough, 1911)  
 932735 *Pseudanarta caeca* Dod, 1913  
 932736 *Pseudanarta crocea* (H. Edwards, 1875)  
 932737 *Pseudanarta flava* (Grote, 1874)  
 932738 *Pseudanarta singula* (Grote, 1880)  
 932739 *Pseudanarta pulverulenta* (Smith, 1891)  
 932740 *Pseudanarta exasperata* Franclemont, 1941  
 932741 *Pseudanarta perplexa* Franclemont, 1941  
 932742 *Pseudanarta damnata* Franclemont, 1941  
 932743 *Pseudanarta vexata* Franclemont, 1941  
 932744 *Pseudanarta daemonalis* Franclemont, 1941  
 932745 *Homoanarta falcata* (Neumögen, 1884)  
 932746 *Homoanarta peralta* (Barnes, 1907)  
 932747 *Homoanarta carneola* (Smith, 1891)  
 932748 *Pseudanthoecia tumida* (Grote, 1880)  
 932749 *Fagitana littera* (Guenée, 1852)  
**Tribe Orthosiini Guenée, 1837** <sup>527</sup>  
 932750 *Perigonica tertia* Dyar, 1903  
     syn. *P. fermata* Smith, 1911 <sup>528</sup>  
 932751 *Perigonica fulminans* Smith, 1890  
 932752 *Perigonica eldana* Smith, 1911  
 932753 *Perigonica angulata* Smith, 1890  
 932754 *Perigonica pectinata* (Smith, [1888])  
     syn. *P. johnstoni* (McDunnough, 1943) <sup>529</sup>  
 932755 *Acerra normalis* Grote, 1874  
 932756 *Stretchia plusiaeformis* H. Edwards, 1874

- 932757 *Stretchia pictipennis* McDunnough, 1949
- 932758 *Stretchia muricina* (Grote, 1876)
- 932759 *Stretchia pacifica* McDunnough, 1949
- 932760 *Stretchia inferior* (Smith, [1888])
- 932761 *Stretchia prima* Smith, 1891
- 932762 *Orthosia erythrolita* (Grote, 1879)
- 932763 *Orthosia pulchella* (Harvey, 1876)
- 932764 *Orthosia transparens* (Grote, 1882)
- 932765 *Orthosia praeses* (Grote, 1879)
- 932766 *Orthosia mys* (Dyar, 1903)
- 932767 *Orthosia ferrigera* (Smith, 1894)
- 932768 *Orthosia terminata* (Smith, [1888])
- 932769 *Orthosia behrensiana* (Grote, 1875)  
syn. *O. macona* (Smith, 1908) <sup>530</sup>
- 932770 *Orthosia rubescens* (Walker, 1865)
- 932771 *Orthosia garmani* (Grote, 1879)
- 932772 *Orthosia arthrolita* (Harvey, 1875)
- 932773 *Orthosia revicta* (Morrison, 1876)
- 932774 *Orthosia alurina* (Smith, 1902)
- 932775 *Orthosia desperata* (Smith, 1891)
- 932776 *Orthosia segregata* (Smith, 1893)
- 932777 *Orthosia pacifica* (Harvey, 1874)
- 932778 *Orthosia hibisci* (Guenée, 1852)
- 932779 *Orthosia flaviannula* (Smith, 1899)
- 932780 *Orthosia annulimacula* (Smith, 1891)
- 932781 *Orthosia tenuimacula* (Barnes & McDunnough, 1913)
- 932782 "*Orthosia*" *mediomacula* Barnes & Benjamin, 1924
- 932783 "*Orthosia*" *nongenerica* Barnes & Benjamin, 1924
- 932784 *Crocigrapha normani* (Grote, 1874)
- 932785 *Himella fidelis* Grote, 1874 <sup>531</sup>
- 932786 *Egira baueri* (Buckett, 1968)
- 932787 *Egira variabilis* (Smith, 1891)
- 932788 *Egira hiemalis* (Grote, 1874)
- 932789 *Egira simplex* (Walker, 1865)
- 932790 *Egira vanduzeei* (Barnes & Benjamin, 1926)
- 932791 *Egira crucialis* (Harvey, 1875)
- 932792 *Egira cognata* (Smith, 1894)
- 932793 *Egira februalis* (Barnes & McDunnough, 1918)
- 932794 *Egira curialis* (Grote, 1873)  
syn. *E. candida* (Smith, 1894) <sup>532</sup>
- 932795 *Egira dolosa* (Grote, 1880)
- 932796 *Egira rubrica* (Harvey, 1878)
- 932797 *Egira perlubens* (Grote, 1881)

- 932798 *Egira purpurea* (Barnes & McDunnough, 1910)  
 932799 *Egira alternans* (Walker, [1857])  
           syn. *E. onychina* (Guenée, 1852) <sup>533</sup>  
 932800 *Achatia distincta* Hübner, 1813  
 932801 *Morrisonia mucens* (Hübner, [1831])  
 932802 *Morrisonia evicta* (Grote, 1873)  
 932803 *Morrisonia confusa* (Hübner, [1831])  
 932804 *Morrisonia triangula* Sullivan & Adams, 2009 ‡  
 932805 *Morrisonia latex* (Guenée, 1852) <sup>534</sup>  
 932806 *Admetovis oxymorus* Grote, 1873  
 932807 *Admetovis similis* Barnes, 1904  
       **Tribe Tholerini Beck, 1996 ‡** <sup>527</sup>  
 932808 *Cerapteryx graminis* (Linnaeus, 1758)  
 932809 *Tholera americana* (Smith, 1894)  
 932810 *Nephelodes minians* Guenée, 1852  
 932811 *Nephelodes demaculata* Barnes & McDunnough, 1918  
 932812 *Nephelodes mendica* Barnes & Lindsey, 1921  
 932813 *Nephelodes adusta* Buckett, 1973  
 932814 *Nephelodes carminata* (Smith, 1890)  
       **Tribe Hadenini Guenée, 1837** <sup>527</sup>  
 932815 *Escaria clauda* Grote, 1883 <sup>535</sup>  
 932816 *Escaria homogena* McDunnough, 1922  
 932817 *Minofala instans* Smith, 1905 <sup>535</sup>  
 932818 *Sparkia immacula* (Grote, 1883) <sup>535</sup>  
 932819 *Trichocosmia inornata* Grote, 1883 <sup>535</sup>  
 932820 *Trichocosmia drasteroides* (Smith, 1903)  
 932821 *Afotella cylindrica* (Grote, 1880) <sup>535</sup>  
 932822 *Hadenella pergentilis* Grote, 1883 <sup>535</sup>  
 932823 *Anarta nigrolunata* Packard, 1867 <sup>536</sup>  
 932824 *Anarta sierrae* Barnes & McDunnough, 1916  
 932825 *Anarta chartaria* (Grote, 1873) <sup>537</sup>  
 932826 *Anarta trifolii* (Hufnagel, 1766)  
 932827 *Anarta mutata* (Dod, 1913)  
 932828 *Anarta fulgora* (Barnes & McDunnough, 1918)  
 932829 *Anarta castrae* (Barnes & McDunnough, 1912)  
 932830 *Anarta hamata* (McDunnough, 1930)  
 932831 *Anarta oregonica* (Grote, 1881)  
 932832 *Anarta montanica* (McDunnough, 1930) <sup>538</sup>  
 932833 *Anarta columbica* (McDunnough, 1930) <sup>538</sup>  
 932834 *Anarta alta* (Barnes & Benjamin, 1924)  
 932835 *Anarta subalbida* (Barnes & Benjamin, 1924)  
 932836 *Anarta obesula* (Smith, 1904)  
 932837 *Anarta farnhami* (Grote, 1873)

- 932838 *Anarta crotchii* (Grote, 1880)  
syn. *A. chunka* (Smith, 1910) <sup>539</sup>
- 932839 *Anarta fusculeta* (Smith, 1891) <sup>540</sup>
- 932840 *Anarta oaklandiae* (McDunnough, 1937)
- 932841 *Anarta projecta* (McDunnough, 1938)
- 932842 *Anarta edwardsii* (Smith, [1888]) <sup>537</sup>
- 932843 *Anarta florida* (Smith, 1900)
- 932844 *Anarta antica* (Smith, 1891)
- 932845 *Anarta decepta* (Grote, 1883)  
syn. *A. postica* (Smith, 1891) <sup>541</sup>
- 932846 *Trudestra hadeniformis* (Smith, 1894)
- 932847 *Scotogramma submarina* (Grote, 1883)
- 932848 *Scotogramma fervida* Barnes & McDunnough, 1912
- 932849 *Scotogramma densa* Smith, 1893
- 932850 *Scotogramma stretchii* H. Edwards, 1887
- 932851 *Scotogramma harnardi* Barnes & Benjamin, 1924
- 932852 *Scotogramma addenda* Barnes & Benjamin, 1924
- 932853 *Scotogramma ptilodonta* (Grote, 1883)
- 932854 *Scotogramma megaera* Smith, 1899
- 932855 *Scotogramma hirsuta* McDunnough, 1938
- 932856 *Scotogramma yakima* (Smith, 1900)
- 932857 *Scotogramma orida* (Smith, 1903)
- 932858 *Scotogramma gatei* (Smith, 1910)
- 932859 *Scotogramma fieldi* Barnes & Benjamin, 1927
- 932860 *Scotogramma deffessa* (Grote, 1880)
- 932861 *Scotogramma inconcinna* Smith, [1888]
- 932862 *Tridepia nova* (Smith, 1903)
- 932863 *Coranarta luteola* (Grote & Robinson, 1865) <sup>542</sup>  
syn. *C. cordigera* of authors, not (Thunberg, 1788)
- 932864 *Coranarta macrostigma* (Lafontaine & Mikkola, 1987) ‡
- 932865 *Polia discalis* (Grote, 1877) <sup>543</sup>
- 932866 *Polia piniae* Buckett & Bauer, 1967
- 932867 *Polia nimbosa* (Guenée, 1852)
- 932868 *Polia imbrifera* (Guenée, 1852)
- 932869 *Polia rogenhoferi* (Möschler, 1870) <sup>544</sup>  
syn. *P. leomegra* (Smith, 1908)  
syn. *P. carbonifera* (Hampson, 1908)
- 932870 *Polia propodea* McCabe, 1980 ‡
- 932871 *Polia richardsoni* (Curtis, 1834)  
ssp. *P. r. richardsoni* (Curtis, 1834)  
ssp. *P. r. magna* (Barnes & Benjamin, 1924) <sup>545</sup>
- 932872 *Polia purpurissata* (Grote, 1864)
- 932873 *Polia nugatis* (Smith, 1898)

- 932874 *Melanchra adjuncta* (Guenée, 1852) <sup>543</sup>
- 932875 *Melanchra picta* (Harris, 1841)
- 932876 *Melanchra pulverulenta* (Smith, [1888])
- 932877 *Melanchra assimilis* (Morrison, 1874)
- 932878 *Lacanobia nevadae* (Grote, 1876) <sup>543</sup>
- 932879 *Lacanobia atlantica* (Grote, 1874)
- 932880 *Lacanobia radix* (Walker, [1857])
- 932881 *Lacanobia subjuncta* (Grote & Robinson, 1868)
- 932882 *Lacanobia grandis* (Guenée, 1852) <sup>546</sup>
- 932883 *Spiramater lutra* (Guenée, 1852) <sup>547</sup>
- 932884 *Trichordestra rugosa* (Morrison, 1875) <sup>548</sup>
- 932885 *Trichordestra tacoma* (Strecker, 1900)
- 932886 *Trichordestra legitima* (Grote, 1864)
- 932887 *Trichordestra dodii* (Smith, 1904)
- 932888 *Trichordestra beanii* (Grote, 1877)
- 932889 *Trichordestra lilacina* (Harvey, 1874)
- 932890 *Trichordestra liquida* (Grote, 1881)
- 932891 *Trichordestra prodeniformis* (Smith, [1888])
- 932892 *Papestra quadrata* (Smith, 1891) <sup>543</sup>
- 932893 *Papestra biren* (Goeze, 1781)
- 932894 *Papestra cristifera* (Walker, 1858)
- 932895 *Papestra brenda* (Barnes & McDunnough, 1916)
- 932896 *Papestra invalida* (Smith, 1891)
- 932897 *Hada sutrina* (Grote, 1881) <sup>549</sup>
- 932898 *Mamestra configurata* Walker, 1856
- 932899 *Mamestra curialis* (Smith, [1888])
- 932900 *Sideridis ruisa* Forbes, 1913 <sup>550</sup>
- 932901 *Sideridis vindemialis* (Guenée, 1852)
- 932902 *Sideridis fuscolutea* (Smith, 1892)
- 932903 *Sideridis mojave* (Benjamin, 1932)
- 932904 *Sideridis uscripta* (Smith, 1891)
- 932905 *Sideridis artesta* (Smith, 1903)
- 932906 *Sideridis rosea* (Harvey, 1874)
- 932907 *Sideridis congermana* (Morrison, 1874)
- 932908 *Sideridis maryx* (Guenée, 1852)
- 932909 *Hecatera dysodea* ([Denis & Schiffermüller], 1775) <sup>551</sup>
- 932910 *Hadena variolata* (Smith, [1888]) <sup>552</sup>
- 932911 *Hadena capsularis* (Guenée, 1852)
- 932912 *Hadena lafontainei* Troubridge & Crabo, 2002 ‡
- 932913 *Hadena ectypa* (Morrison, 1875)
- 932914 *Hadena minorata* (Smith, [1888])
- 932915 *Hadena glaciata* (Grote, 1882)
- 932916 *Hadena circumvadis* (Smith, 1902)

- 932917 *Hadena caelestis* Troubridge & Crabo, 2002 ‡
- 932918 *Hadena gabrieli* Troubridge & Crabo, 2002 ‡
- 932919 *Hadena ectrapela* (Smith, 1898)  
syn. *H. jola* (Barnes & Benjamin, 1924) <sup>553</sup>
- 932920 *Hadena amabilis* (Barnes & McDunnough, 1918)
- 932921 *Hadena plumasata* (Buckett & Bauer, 1967) <sup>554</sup>
- 932922 *Hadena maccabei* Troubridge & Crabo, 2002 ‡
- 932923 *Hadena paulula* Troubridge & Crabo, 2002 ‡
- 932924 *Hadena siskiyou* Troubridge & Crabo, 2002 ‡
- 932925 *Dargida procinctus* (Grote, 1873) <sup>555</sup>
- 932926 *Dargida grammivora* Walker, 1856
- 932927 *Dargida quadrannulata* (Morrison, 1876) <sup>556</sup>
- 932928 *Dargida diffusa* (Walker, 1856)
- 932929 *Dargida terrapictalis* (Buckett, 1969)
- 932930 *Dargida tetera* (Smith, 1902)
- 932931 *Dargida rubripennis* (Grote & Robinson, 1870)
- 932932 *Dargida aleada* Smith, 1908
- Tribe Leucaniini Guenée, 1837** <sup>527</sup>
- 932933 *Mythimna oxygala* (Grote, 1881) <sup>557</sup>
- 932934 *Mythimna yukonensis* (Hampson, 1911)
- 932935 *Mythimna unipuncta* (Haworth, 1809) <sup>557</sup>
- 932936 *Mythimna sequax* (Franclemont, 1951)
- 932937 *Leucania extincta* Guenée, 1852
- 932938 *Leucania linita* Guenée, 1852
- 932939 *Leucania farcta* (Grote, 1881)
- 932940 *Leucania oregona* Smith, 1902 <sup>558</sup>
- 932941 *Leucania anteroclara* Smith, 1902
- 932942 *Leucania februalis* (Hill, 1924)
- 932943 *Leucania phragmitidicola* Guenée, 1852  
*L. phragmatidicola* Guenée, 1852, misspelling
- 932944 *Leucania linda* Franclemont, 1952
- 932945 *Leucania multilinea* Walker, 1856
- 932946 *Leucania lapidaria* (Grote, 1876) <sup>559</sup>
- 932947 *Leucania commoides* Guenée, 1852
- 932948 *Leucania insueta* Guenée, 1852
- 932949 *Leucania dia* (Grote, 1879) <sup>560</sup>
- 932950 *Leucania incognita* (Barnes & McDunnough, 1918)
- 932951 *Leucania inconspicua* Herrich-Schäffer, 1868 <sup>561</sup>
- 932952 *Leucania oaxacana* Schaus, 1898
- 932953 *Leucania imperfecta* Smith, 1894
- 932954 *Leucania stolata* Smith, 1894
- 932955 *Leucania subpunctata* (Harvey, 1875) <sup>562</sup>  
syn. *L. latiuscula* of authors, not Herrich-Schäffer, 1868

- 932956 *Leucania lobrega* Adams, 2001 ‡<sup>563</sup>  
syn. *L. opalisans* of Dickel (1991), not (Draudt, 1924)
- 932957 *Leucania scirpicola* Guenée, 1852
- 932958 *Leucania senescens* Möschler, 1890<sup>561</sup>
- 932959 *Leucania dorsalis* Walker, 1856<sup>561</sup>
- 932960 *Leucania adjuta* (Grote, 1874)
- 932961 *Leucania infatuans* Franclemont, 1972
- 932962 *Leucania humidicola* Guenée, 1852  
syn. *L. solita* Walker, 1856<sup>564</sup>
- 932963 *Leucania inermis* (Forbes, 1936)
- 932964 *Leucania calidior* (Forbes, 1936)
- 932965 *Leucania ursula* (Forbes, 1936)
- 932966 *Leucania pseudargyria* Guenée, 1852
- 932967 *Leucania pilipalpis* (Grote, 1877)
- Tribe Eriopygini Fibiger & Lafontaine, 2005 ‡<sup>527</sup>**
- 932968 *Lasionycta skraelingia* (Herrich-Schäffer, 1852)<sup>565</sup>
- 932969 *Lasionycta taigata* Lafontaine, 1988 ‡
- 932970 *Lasionycta secedens* (Walker, [1858])<sup>566</sup>  
ssp. *L. s. secedens* (Walker, [1858])  
ssp. *L. s. bohemani* (Staudinger, 1861)<sup>567</sup>
- 932971 *Lasionycta phaea* (Hampson, 1905)<sup>568</sup>
- 932972 *Lasionycta subdita* (Möschler, 1860)  
syn. *L. membrosa* (Morrison, 1875)<sup>569</sup>
- 932973 *Lasionycta conjugata* (Smith, 1899)
- 932974 *Lasionycta fergusonii* Crabo & Lafontaine, 2009 ‡
- 932975 *Lasionycta mutilata* (Smith, 1898)<sup>570</sup>  
syn. *L. rainieri* (Smith, 1900)
- 932976 *Lasionycta haida* Crabo & Lafontaine, 2009 ‡
- 932977 *Lasionycta luteola* (Smith, 1893)
- 932978 *Lasionycta leucocycla* (Staudinger, 1857)<sup>571</sup>  
ssp. *L. l. leucocycla* (Staudinger, 1857)  
ssp. *L. l. moeschleri* (Staudinger, 1901)  
ssp. *L. l. hampa* (Smith, 1908)  
ssp. *L. l. albertensis* (McDunnough, 1925)
- 932979 *Lasionycta flanda* (Smith, 1908)<sup>572</sup>
- 932980 *Lasionycta coracina* Crabo & Lafontaine, 2009 ‡
- 932981 *Lasionycta anthracina* Crabo & Lafontaine, 2009 ‡
- 932982 *Lasionycta poca* (Barnes & Benjamin, 1923)<sup>573</sup>
- 932983 *Lasionycta coloradensis* (Richards, 1943)<sup>572</sup>
- 932984 *Lasionycta illima* Crabo & Lafontaine, 2009 ‡
- 932985 *Lasionycta frigida* Crabo & Lafontaine, 2009 ‡
- 932986 *Lasionycta sasquatch* Crabo & Lafontaine, 2009 ‡

- 932987 *Lasionycta benjamini* Hill, 1927  
 ssp. *L. b. benjamini* Hill, 1927  
 ssp. *L. b. medaminosa* Crabo & Lafontaine, 2009 ‡
- 932988 *Lasionycta perplexa* (Smith, [1888]) <sup>574</sup>  
 syn. *L. marloffi* (Dyar, 1922)  
 syn. *L. alberta* (Barnes & Benjamin, 1923)
- 932989 *Lasionycta perplexella* Crabo & Lafontaine, 2009 ‡
- 932990 *Lasionycta subalpina* Crabo & Lafontaine, 2009 ‡
- 932991 *Lasionycta subfuscata* (Grote, 1874) <sup>575</sup>  
 ssp. *L. s. subfuscata* (Grote, 1874)  
 syn. *L. sedilis* (Smith, 1899)  
 ssp. *L. s. livida* Crabo & Lafontaine, 2009 ‡
- 932992 *Lasionycta staudingeri* (Aurivillius, 1891) <sup>575</sup>  
 syn. *L. zemblica* (Hampson, 1905)  
 ssp. *L. s. preblei* (Benjamin, 1933)
- 932993 *Lasionycta dolosa* (Barnes & Benjamin, 1923) <sup>576</sup>
- 932994 *Lasionycta subfumosa* (Gibson, 1920) <sup>576</sup>
- 932995 *Lasionycta quadrilunata* (Grote, 1874) <sup>577</sup>  
 ssp. *L. q. quadrilunata* (Grote, 1874)  
 ssp. *L. q. yukona* Lafontaine, 1986 ‡
- 932996 *Lasionycta lagganata* (Barnes & Benjamin, 1924)
- 932997 *Lasionycta carolynae* Crabo, 2009 ‡
- 932998 *Lasionycta phoca* (Möschler, 1864) <sup>570</sup>  
 syn. *L. albinuda* (Smith, 1903)
- 932999 *Lasionycta uniformis* (Smith, 1893) <sup>577</sup>  
 ssp. *L. u. uniformis* (Smith, 1893)  
 ssp. *L. u. multicolor* Crabo & Lafontaine, 2009 ‡  
 ssp. *L. u. fusca* Crabo & Lafontaine, 2009 ‡  
 ssp. *L. u. shasta* Crabo & Lafontaine, 2009 ‡  
 ssp. *L. u. handfieldi* Crabo & Lafontaine, 2009 ‡
- 933000 *Lasionycta brunnea* Crabo & Lafontaine, 2009 ‡
- 933001 *Lasionycta caesia* Crabo & Lafontaine, 2009 ‡
- 933002 *Lasionycta gelida* Crabo & Lafontaine, 2009 ‡
- 933003 *Lasionycta discolor* (Smith, 1899) <sup>578</sup>  
 syn. *L. klotsi* (Richards, 1943)
- 933004 *Lasionycta mono* Crabo & Lafontaine, 2009 ‡
- 933005 *Lasionycta promulsa* (Morrison, 1875) <sup>578</sup>  
 syn. *L. infuscata* (Smith, 1899)
- 933006 *Lasionycta macleani* (McDunnough, 1927)
- 933007 *Lasionycta pulverea* Crabo & Lafontaine, 2009 ‡
- 933008 *Lasionycta silacea* Crabo & Lafontaine, 2009 ‡
- 933009 *Lasionycta sierra* Crabo & Lafontaine, 2010 ‡

- 933010 *Lasionycta impingens* (Walker, 1857)<sup>577</sup>  
ssp. *L. i. impingens* (Walker, 1857)  
ssp. *L. i. curta* (Morrison, 1875)
- 933011 *Psammopolia arietis* (Grote, 1879)<sup>579</sup>  
syn. *P. etacta* (Smith, 1900)<sup>580</sup>
- 933012 *Psammopolia wyatti* (Barnes & Benjamin, 1926)
- 933013 *Psammopolia insolens* (Grote, 1874)
- 933014 *Psammopolia sala* (Troubridge & Mustelin, 2006) ‡
- 933015 *Psammopolia ochracea* (Smith, 1892)
- 933016 *Lacinipolia meditata* (Grote, 1873)<sup>581</sup>  
syn. *L. brachiolum* (Harvey, 1876)  
syn. *L. determinata* (Smith, 1891)  
syn. *L. rubrifusa* (Hampson, 1905)
- 933017 *Lacinipolia lustralis* (Grote, 1875)
- 933018 *Lacinipolia cuneata* (Grote, 1873)
- 933019 *Lacinipolia anguina* (Grote, 1881)
- 933020 *Lacinipolia incurva* (Smith, [1888])
- 933021 *Lacinipolia longiclava* (Smith, 1891)
- 933022 *Lacinipolia gnata* (Grote, 1882)
- 933023 *Lacinipolia agnata* (Smith, 1905)
- 933024 *Lacinipolia prognata* McDunnough, 1940
- 933025 *Lacinipolia delongi* Selman & Leuschner, 2001 ‡
- 933026 *Lacinipolia luteimacula* (Barnes & Benjamin, 1925)
- 933027 *Lacinipolia umbrosa* (Smith, [1888])
- 933028 *Lacinipolia vittula* (Grote, 1882)
- 933029 *Lacinipolia naevia* (Smith, 1898)
- 933030 *Lacinipolia stenotis* (Hampson, 1905)
- 933031 *Lacinipolia palilis* (Harvey, 1875)
- 933032 *Lacinipolia uliginosa* (Smith, 1905)
- 933033 *Lacinipolia canities* (Hampson, 1905)
- 933034 *Lacinipolia selama* (Strecker, 1898)
- 933035 *Lacinipolia roseosuffusa* (Smith, 1900)
- 933036 *Lacinipolia falsa* (Grote, 1880)
- 933037 *Lacinipolia francisca* (Smith, 1910)
- 933038 *Lacinipolia leucogramma* (Grote, 1873)
- 933039 *Lacinipolia teligera* (Morrison, 1875)
- 933040 *Lacinipolia vicina* (Grote, 1874)
- 933041 *Lacinipolia subalba* Mustelin, 2000 ‡
- 933042 *Lacinipolia pensilis* (Grote, 1874)
- 933043 *Lacinipolia basiplaga* (Smith, 1905)
- 933044 *Lacinipolia renigera* (Stephens, 1829)
- 933045 *Lacinipolia stricta* (Walker, 1865)
- 933046 *Lacinipolia circumcincta* (Smith, 1891)

- 933047 *Lacinipolia spiculosa* (Grote, 1883)
- 933048 *Lacinipolia lepidula* (Smith, [1888])
- 933049 *Lacinipolia perta* (Druce, 1889)
- 933050 *Lacinipolia erecta* (Walker, [1857])
- 933051 *Lacinipolia triplehorni* Selman & Leuschner, 2001 ‡
- 933052 *Lacinipolia lorea* (Guenée, 1852)
- 933053 *Lacinipolia olivacea* (Morrison, 1874)
- 933054 *Lacinipolia bucketti* Selman & Leuschner, 2001 ‡
- 933055 *Lacinipolia baueri* Selman & Leuschner, 2001 ‡
- 933056 *Lacinipolia sharonae* Selman & Leuschner, 2001 ‡
- 933057 *Lacinipolia fordi* Selman & Leuschner, 2001 ‡
- 933058 *Lacinipolia franclemonti* Selman & Leuschner, 2001 ‡
- 933059 *Lacinipolia aileenae* Selman & Leuschner, 2001 ‡
- 933060 *Lacinipolia rodora* (Dyar, 1911) <sup>582</sup>
- 933061 *Lacinipolia davena* (Smith, 1901)
- 933062 *Lacinipolia comis* (Grote, 1876)
- 933063 *Lacinipolia rectilinea* (Smith, [1888])
- 933064 *Lacinipolia lunolacta* (Smith, 1903)
- 933065 *Lacinipolia laudabilis* (Guenée, 1852)
- 933066 *Lacinipolia marinitincta* (Harvey, 1875)
- 933067 *Lacinipolia explicata* McDunnough, 1937
- 933068 *Lacinipolia implicata* McDunnough, 1937
- 933069 *Lacinipolia strigicollis* (Wallengren, 1860)  
syn. *L. illaudabilis* (Grote, 1875) <sup>583</sup>
- 933070 *Lacinipolia tricornuta* McDunnough, 1937
- 933071 *Lacinipolia runica* (Hampson, 1918)
- 933072 *Lacinipolia viridifera* McDunnough, 1937
- 933073 *Lacinipolia consimilis* McDunnough, 1937
- 933074 *Lacinipolia buscki* (Barnes & Benjamin, 1927)
- 933075 *Lacinipolia quadrilineata* (Grote, 1873)
- 933076 *Lacinipolia martini* Selman & Leuschner, 2001 ‡
- 933077 *Lacinipolia patalis* (Grote, 1873)
- 933078 *Lacinipolia parvula* (Herrich-Schäffer, 1868)
- 933079 “*Lacinipolia*” *mimula* (Grote, 1883) <sup>584</sup>
- 933080 *Trichocerapoda comstocki* Benjamin, 1932
- 933081 *Trichocerapoda harbisoni* Mustelin, 2006 ‡
- 933082 *Trichocerapoda strigata* (Smith, 1891)
- 933083 *Trichocerapoda oblita* (Grote, 1877)
- 933084 *Trichocerapoda oceanis* Robertson & Mustelin, 2006 ‡
- 933085 *Anhimella perbrunnea* (Grote, 1879)
- 933086 *Anhimella contrahens* (Walker, 1860)
- 933087 *Anhimella pacifica* McDunnough, 1943
- 933088 *Homorthodes furfurata* (Grote, 1875)

- 933089 *Homorthodes lindseyi* (Benjamin, 1922) <sup>585</sup>  
 933090 *Homorthodes communis* (Dyar, 1904)  
 933091 *Homorthodes fractura* (Smith, 1906)  
 933092 *Homorthodes discreta* (Barnes & McDunnough, 1916)  
 933093 *Homorthodes dubia* (Barnes & McDunnough, 1912)  
 933094 *Homorthodes mania* (Strecker, 1899)  
 933095 *Homorthodes rubritincta* McDunnough, 1943  
 933096 *Homorthodes hanhami* (Barnes & McDunnough, 1911)  
 933097 *Homorthodes carneola* McDunnough, 1943  
 933098 *Homorthodes reliqua* (Smith, 1899)  
 933099 *Homorthodes rectiflava* (Smith, 1908)  
 933100 *Homorthodes flosca* (Smith, 1906)  
 933101 *Homorthodes perturba* McDunnough, 1943  
 933102 *Homorthodes gigantoides* (Barnes & McDunnough, 1912)  
 933103 *Protorthodes curtica* (Smith, 1890)  
 933104 *Protorthodes eureka* (Barnes & Benjamin, 1927)  
 933105 *Protorthodes incincta* (Morrison, 1874) <sup>586</sup>  
     syn. *P. utahensis* (Smith, [1888])  
     syn. *P. akalus* (Strecker, 1898)  
     syn. *P. saturnus* (Strecker, 1900)  
     syn. *P. indra* (Smith, 1906)  
     syn. *P. daviesi* (Barnes & Benjamin, 1927)  
 933106 *Protorthodes smithii* (Dyar, 1904)  
 933107 *Protorthodes argentoppida* McDunnough, 1943  
 933108 *Protorthodes perforata* (Grote, 1883)  
 933109 *Protorthodes rufula* (Grote, 1874)  
 933110 *Protorthodes antennata* (Barnes & McDunnough, 1912)  
 933111 *Protorthodes alfkenii* (Grote, 1895)  
 933112 *Protorthodes mulina* (Schaus, 1894)  
 933113 *Protorthodes oviduca* (Guenée, 1852)  
     syn. *P. lindrothi* Krogerus, 1954 <sup>587</sup>  
 933114 *Protorthodes orobia* (Harvey, 1876)  
 933115 *Protorthodes melanopis* (Hampson, 1905)  
 933116 *Protorthodes texana* (Smith, 1900)  
 933117 *Protorthodes variabilis* (Barnes & McDunnough, 1912)  
 933118 *Ulolonche culea* (Guenée, 1852)  
 933119 *Ulolonche consopita* (Grote, 1881)  
 933120 *Ulolonche modesta* (Morrison, 1874)  
 933121 *Ulolonche fasciata* Smith, [1888]  
 933122 *Ulolonche marloffi* (Barnes & Benjamin, 1924)  
 933123 *Ulolonche dilecta* (H. Edwards, 1885)  
 933124 *Ulolonche disticha* (Morrison, 1875)  
 933125 *Ulolonche orbiculata* (Smith, 1891)

- 933126 *Ulolonche niveiguttata* (Grote, 1873)
- 933127 *Hyperepia jugifera* (Dyar, 1920)  
syn. *H. pi* Barnes & Lindsey, 1922 <sup>588</sup>
- 933128 *Pseudorthodes vecors* (Guenée, 1852)
- 933129 *Pseudorthodes calceolaris* (Strecker, 1900)
- 933130 *Pseudorthodes imora* (Strecker, 1898)
- 933131 *Pseudorthodes keela* (Smith, 1908)
- 933132 *Pseudorthodes irrorata* (Smith, [1888])
- 933133 *Pseudorthodes puerilis* (Grote, 1874)
- 933134 *Pseudorthodes virgula* (Grote, 1883)
- 933135 *Pseudorthodes iole* (Schaus, 1894) <sup>589</sup>
- 933136 *Orthodes majuscula* Herrich-Schäffer, 1868  
syn. *O. crenulata* (Butler, 1890) <sup>590</sup>
- 933137 *Orthodes furtiva* McDunnough, 1943
- 933138 *Orthodes cynica* Guenée, 1852
- 933139 *Orthodes adiasola* Franclemont, 1976
- 933140 "*Orthodes*" *bolteri* (Smith, 1900)
- 933141 "*Orthodes*" *goodelli* (Grote, 1875) <sup>591</sup>
- 933142 "*Orthodes*" *obscura* (Smith, [1888]) <sup>591</sup>
- 933143 "*Orthodes*" *noverca* (Grote, 1878) <sup>591</sup>
- 933144 "*Orthodes*" *vauorbicularis* (Smith, 1902) <sup>591</sup>
- 933145 "*Orthodes*" *delecta* Barnes & McDunnough, 1916 <sup>591</sup>
- 933146 "*Orthodes*" *detracta* (Walker, 1857) <sup>591</sup>
- 933147 *Synorthodes auriginea* Franclemont, 1976
- 933148 *Synorthodes typhedana* Franclemont, 1976
- 933149 *Hexorthodes serrata* (Smith, 1900)
- 933150 *Hexorthodes inconspicua* (Grote, 1883)
- 933151 *Hexorthodes jocosa* (Barnes & McDunnough, 1916)
- 933152 "*Hexorthodes*" *agrotiformis* (Grote, 1881) <sup>592</sup>  
syn. "*H.*" *planalis* (Grote, 1883)  
syn. "*H.*" *diplopis* (Dyar, 1914)  
syn. "*H.*" *aleuca* (Draudt, 1924)
- 933153 "*Hexorthodes*" *euxoiformis* (Barnes & McDunnough, 1913)
- 933154 "*Hexorthodes*" *accurata* (H. Edwards, 1882)
- 933155 "*Hexorthodes*" *senatoria* (Smith, 1900)
- 933156 "*Hexorthodes*" *catalina* (Barnes & McDunnough, 1912)
- 933157 "*Hexorthodes*" *citeria* A. Blanchard & Knudson, 1985 ‡
- 933158 "*Hexorthodes*" *emendata* A. Blanchard & Knudson, 1985 ‡
- 933159 "*Hexorthodes*" *tuana* (Smith, 1906) <sup>593</sup>
- 933160 "*Hexorthodes*" *nipana* (Smith, 1910) <sup>593</sup>  
syn. "*H.*" *montara* (Smith, 1910)
- 933161 "*Hyssia*" *degenerans* Dyar, 1914 <sup>594</sup>
- 933162 "*Eriopyga*" *crista* of authors, not (Walker, 1856) <sup>595</sup>

- 933163 *Zosteropoda hirtipes* Grote, 1874
- 933164 *Zosteropoda clementei* Meadows, 1942
- 933165 *Neleucania suavis* (Barnes & McDunnough, 1912)
- 933166 *Neleucania patricia* (Grote, 1880)
- 933167 *Neleucania bicolorata* (Grote, 1881)
- 933168 *Neleucania niveicosta* Smith, 1902
- 933169 *Neleucania praegracilis* (Grote, 1877)
- 933170 *Hypotrix ferricola* (Smith, 1905) <sup>596</sup>
- 933171 *Hypotrix diplogramma* (Schaus, 1903)
- 933172 *Hypotrix parallela* (Grote, 1883)
- 933173 *Hypotrix rubra* Lafontaine, Ferris & Walsh, 2010 ‡
- 933174 *Hypotrix spinosa* (Barnes & McDunnough, 1912) <sup>596</sup>
- 933175 *Hypotrix ocularis* Lafontaine, Ferris & Walsh, 2010 ‡
- 933176 *Hypotrix basistriga* Lafontaine, Ferris & Walsh, 2010 ‡
- 933177 *Hypotrix naglei* Lafontaine, Ferris & Walsh, 2010 ‡
- 933178 *Hypotrix alamosa* (Barnes, 1904) <sup>596</sup>
- 933179 *Hypotrix trifascia* (Smith, 1891)
- 933180 *Hypotrix optima* (Dyar, 1920)
- 933181 *Hypotrix hueco* (Barnes, 1904)
- 933182 *Hypotrix lunata* (Smith, 1906) <sup>596</sup>
- 933183 *Anhypotrix tristis* (Barnes & McDunnough, 1910) <sup>597</sup>
- 933184 *Trichopolia dentatella* Grote, 1883
- 933185 *Trichopolia suspicionis* Barnes & Benjamin, 1920
- 933186 *Trichofeltia circumdata* (Grote, 1883)
- 933187 *Mimobarathra antonito* (Barnes, 1907)
- 933188 *Miodera stigmata* Smith, 1908
- 933189 *Miodera eureka* Barnes & Benjamin, 1927
- 933190 *Fergusonix januaris* Mustelin & Leuschner, 2000 ‡
- 933191 *Engelhardtia ursina* (Smith, 1898)
- 933192 *Tricholita elsinora* (Barnes, 1904)
- 933193 *Tricholita signata* (Walker, 1860)
- 933194 *Tricholita notata* Strecker, 1898
- 933195 *Tricholita baranca* Barnes, 1905
- 933196 *Tricholita knudsoni* Crabo & Lafontaine, 2009 ‡
- 933197 *Tricholita ferrisi* Crabo & Lafontaine, 2009 ‡
- 933198 *Tricholita fistula* Harvey, 1878
- 933199 *Tricholita chipeta* Barnes, 1904
- 933200 *Tricholita bisulca* (Grote, 1881)
- 933201 *Tricholita palmillo* (Barnes, 1907) <sup>598</sup>
- 933202 *Marilopteryx lutina* (Smith, 1902)
- 933203 *Marilopteryx carancahua* A. Blanchard & Franclemont, 1982 ‡
- 933204 *Lophoceramica artega* (Barnes, 1907)
- 933205 *Hydroeciodes juvenilis* (Grote, 1881)

- 933206 *Hydroeciodes repleta* (Bird, 1911)
- 933207 *Hydroeciodes serrata* (Grote, 1880)
- 933208 *Hydroeciodes ochrimacula* (Barnes & McDunnough, 1913)
- 933209 *Hydroeciodes auripurpure* (A. Blanchard, 1968)  
**Tribe Glottulini Guenée, 1852** <sup>527</sup>
- 933210 *Xanthopastis timais* (Cramer, 1782)  
**Tribe Noctuini Latreille, 1809** <sup>599</sup>  
**Subtribe Agrotina Rambur, 1848** <sup>600</sup>
- 933211 *Peridroma saucia* (Hübner, [1808])
- 933212 *Anicla infecta* (Ochsenheimer, 1816)
- 933213 *Anicla cemolia* Franclemont, 1967
- 933214 *Anicla lubricans* (Guenée, 1852) <sup>601</sup>
- 933215 *Anicla sullivanii* Lafontaine, 2004 ‡
- 933216 *Anicla illapsa* (Walker, 1857)
- 933217 *Anicla simplicius* (Morrison, 1874)
- 933218 *Anicla tenuescens* (Smith, 1890)
- 933219 *Anicla digna* (Morrison, 1875)
- 933220 *Anicla biformata* Lafontaine, 2004 ‡
- 933221 *Anicla exuberans* (Smith, 1898)  
syn. *A. bairdii* (Smith, 1908) <sup>602</sup>
- 933222 *Anicla forbesi* (Franclemont, 1952)
- 933223 *Anicla tepperi* (Smith, [1888])
- 933224 *Anicla espoetia* (Dyar, 1910) <sup>603</sup>
- 933225 *Anicla beata* (Grote, 1883)
- 933226 *Anicla mus* Lafontaine, 2004 ‡
- 933227 *Hemieuxoa rudens* (Harvey, 1875)
- 933228 *Striacosta albicosta* (Smith, [1888]) <sup>604</sup>
- 933229 *Actebia fennica* (Tauscher, 1806) <sup>605</sup>
- 933230 *Actebia balanitis* (Grote, 1873) <sup>606</sup>
- 933231 *Dichagyris grotei* (Franclemont & Todd, 1983) ‡ <sup>607</sup>
- 933232 *Dichagyris acclivis* (Morrison, 1875)
- 933233 *Dichagyris cataclivis* (Dyar, 1910) <sup>608</sup>
- 933234 *Dichagyris proclivis* (Smith, [1888])
- 933235 *Dichagyris neoclivis* (Barnes & Benjamin, 1924)
- 933236 *Dichagyris capota* (Smith, 1908)  
syn. *D. capnota* (Smith, 1908), misspelling
- 933237 *Dichagyris mizteca* (Schaus, 1894) <sup>608</sup>
- 933238 *Dichagyris timbor* (Dyar, 1919)
- 933239 *Dichagyris pyrsogramma* (Dyar, 1916)
- 933240 *Dichagyris salina* (Barnes, 1904)
- 933241 *Dichagyris arabella* (Dyar, 1901) <sup>608</sup>
- 933242 *Dichagyris socorro* (Barnes, 1904) <sup>609</sup>  
syn. *D. pampolycala* (Dyar, 1912)

- 933243 *Dichagyris polycala* Lafontaine, 2004 ‡  
 933244 *Dichagyris triphaenoides* (Dyar, 1912)  
 933245 *Dichagyris kyune* (Barnes, 1904)  
 933246 *Dichagyris grandipennis* (Grote, 1883) <sup>607</sup>  
 933247 *Dichagyris lobato* (Barnes, 1904) <sup>607</sup>  
 933248 *Dichagyris madida* (Guenée, 1852) <sup>609</sup>  
     syn. *D. hahama* (Dyar, 1919)  
 933249 *Dichagyris larga* (Smith, 1908)  
 933250 *Dichagyris cymnopristes* (Dyar, 1912)  
 933251 *Dichagyris variabilis* (Grote, 1874) <sup>607</sup>  
 933252 *Dichagyris ruckesi* Barnes & Benjamin, 1927 <sup>607</sup>  
 933253 *Dichagyris broui* Lafontaine, 2004 ‡  
 933254 *Dichagyris reliqua* Lafontaine & Schweitzer, 2004 ‡  
 933255 *Dichagyris longidens* (Smith, 1890) <sup>607</sup>  
 933256 *Dichagyris dubitata* McDunnough, 1933  
 933257 *Eucoptocnemis fimbriaris* (Guenée, 1852) <sup>610</sup>  
     syn. *E. tripars* (Walker, 1856) <sup>611</sup>  
 933258 *Eucoptocnemis dapsilis* (Grote, 1882)  
 933259 *Eucoptocnemis rufula* Lafontaine, 2004 ‡  
 933260 *Eucoptocnemis elingua* (Smith, 1903) <sup>610</sup>  
 933261 *Eucoptocnemis dollii* (Grote, 1882) <sup>610</sup>  
 933262 *Eucoptocnemis canescens* Lafontaine, 2004 ‡  
 933263 *Richia chortalis* (Harvey, 1875)  
 933264 *Richia parentalis* (Grote, 1879)  
     syn. *R. distichoides* (Grote, 1883) <sup>612</sup>  
 933265 *Richia serano* (Smith, 1910) <sup>613</sup>  
 933266 *Richia herculeana* (Schaus, 1898) <sup>614</sup>  
 933267 *Richia praefixa* (Morrison, 1875) <sup>613</sup>  
     syn. *R. docilis* (Grote, 1881) <sup>612</sup>  
 933268 *Copablepharon longipenne* Grote, 1882  
     ssp. *C. l. longipenne* Grote, 1882  
     ssp. *C. l. serraticornis* A. Blanchard, 1976 <sup>615</sup>  
 933269 *Copablepharon michiganensis* Crabo & Lafontaine, 2004 ‡  
 933270 *Copablepharon gillaspyi* A. Blanchard, 1976  
 933271 *Copablepharon pictum* Fauske & Lafontaine, 2004 ‡  
 933272 *Copablepharon nevada* Crabo & Lafontaine, 2004 ‡  
 933273 *Copablepharon mutans* Crabo & Lafontaine, 2004 ‡  
 933274 *Copablepharon columbia* Crabo & Lafontaine, 2004 ‡  
 933275 *Copablepharon alaskensis* Crabo & Lafontaine, 2004 ‡  
 933276 *Copablepharon serrata* McDunnough, 1932  
 933277 *Copablepharon mustelini* Crabo & Lafontaine, 2004 ‡  
 933278 *Copablepharon serratigrande* Lafontaine, 2004 ‡

- 933279 *Copablepharon albisericea* A. Blanchard, 1976
- 933280 *Copablepharon spiritum* Crabo & Fauske, 2004 ‡
- 933281 *Copablepharon flavum* Fauske & Lafontaine, 2004 ‡
- 933282 *Copablepharon canariana* McDunnough, 1932  
ssp. *C. c. canariana* McDunnough, 1932  
ssp. *C. c. contrasa* McDunnough, 1932 <sup>615</sup>
- 933283 *Copablepharon grandis* (Strecker, 1878)
- 933284 *Copablepharon sanctaemonicae* Dyar, 1904
- 933285 *Copablepharon opleri* Lafontaine, 2004 ‡
- 933286 *Copablepharon absidum* (Harvey, 1875)
- 933287 *Copablepharon fuscum* Troubridge & Crabo, 1996 ‡
- 933288 *Copablepharon atrinotum* Crabo & Lafontaine, 2004 ‡
- 933289 *Copablepharon viridisparsa* Dod, 1916  
ssp. *C. v. viridisparsa* Dod, 1916  
ssp. *C. v. hopfingeri* Franclemont, 1954 <sup>615</sup>  
ssp. *C. v. ravum* Crabo & Lafontaine, 2004 ‡  
ssp. *C. v. gilvum* Crabo & Lafontaine, 2004 ‡
- 933290 *Copablepharon robertsoni* Crabo & Lafontaine, 2004 ‡
- 933291 *Protogygia comstocki* McDunnough, 1934
- 933292 *Protogygia enalaga* McDunnough, 1932
- 933293 *Protogygia lagena* (Grote, 1875)
- 933294 *Protogygia postera* Fauske & Lafontaine, 2004 ‡
- 933295 *Protogygia rufescens* Fauske & Lafontaine, 2004 ‡
- 933296 *Protogygia querula* (Dod, 1915)  
syn. *P. epipsilioides* (Barnes & Benjamin, 1926) <sup>616</sup>
- 933297 *Protogygia elevata* (Smith, 1891)
- 933298 *Protogygia arena* Troubridge & Lafontaine, 2004 ‡
- 933299 *Protogygia alberta* Troubridge & Lafontaine, 2004 ‡
- 933300 *Protogygia album* (Harvey, 1876) <sup>617</sup>
- 933301 *Protogygia pallida* Fauske & Lafontaine, 2004 ‡
- 933302 *Protogygia polingi* (Barnes & Benjamin, 1922)
- 933303 *Protogygia pectinata* Lafontaine, 2004 ‡
- 933304 *Protogygia whitesandsensis* Metzler & Forbes, 2009 ‡
- 933305 *Protogygia biclavis* (Grote, 1879)
- 933306 *Protogygia milleri* (Grote, 1876)
- 933307 *Euxoa bochus* (Morrison, 1874) <sup>618</sup>  
syn. *E. brocha*, misspelling
- 933308 *Euxoa adumbrata* (Eversmann, 1842) <sup>619</sup>  
ssp. *E. a. drewseni* (Staudinger, 1857)  
ssp. *E. a. thantologia* (Dyar, 1904)
- 933309 *Euxoa auxiliaris* (Grote, 1873)
- 933310 *Euxoa inconcinna* (Harvey, 1875)
- 933311 *Euxoa terrealis* (Grote, 1883)

- 933312 *Euxoa shasta* Lafontaine, 1975  
 ssp. *E. s. shasta* Lafontaine, 1975  
 ssp. *E. s. condita* Lafontaine, 1975 <sup>620</sup>
- 933313 *Euxoa biformata* Smith, 1910
- 933314 *Euxoa intermontana* Lafontaine, 1975
- 933315 *Euxoa mimallonis* (Grote, 1873)
- 933316 *Euxoa vernalis* Lafontaine, 1976
- 933317 *Euxoa septentrionalis* (Walker, 1865)
- 933318 *Euxoa olivia* (Morrison, 1876)
- 933319 *Euxoa messoria* (Harris, 1841)
- 933320 *Euxoa divergens* (Walker, [1857])
- 933321 *Euxoa sinelinea* Hardwick, 1965
- 933322 *Euxoa edictalis* (Smith, 1893)
- 933323 *Euxoa westermanni* (Staudinger, 1857)
- 933324 *Euxoa churchillensis* (McDunnough, 1932)
- 933325 *Euxoa muldersi* Lafontaine & Hensel, 2010 ‡
- 933326 *Euxoa dissona* (Möschler, 1860)
- 933327 *Euxoa hyperborea* Lafontaine, 1987 ‡
- 933328 *Euxoa quebecensis* (Smith, 1900)
- 933329 *Euxoa scandens* (Riley, 1869)
- 933330 *Euxoa aurulenta* (Smith, [1888])
- 933331 *Euxoa vallus* (Smith, 1900)  
 ssp. *E. v. vallus* (Smith, 1900)  
 ssp. *E. v. luteosita* (Smith, 1900) <sup>621</sup>  
 ssp. *E. v. bivittata* Lafontaine, 1987 ‡
- 933332 *Euxoa macleani* McDunnough, 1927
- 933333 *Euxoa apopsis* Troubridge & Lafontaine, 2010 ‡
- 933334 *Euxoa chimoensis* Hardwick, 1966 <sup>622</sup>
- 933335 *Euxoa trifasciata* (Smith, [1888])
- 933336 *Euxoa lewisi* (Grote, 1873)  
 ssp. *E. l. lewisi* (Grote, 1873)  
 ssp. *E. l. julia* Hardwick, 1968 <sup>623</sup>
- 933337 *Euxoa altens* McDunnough, 1946
- 933338 *Euxoa austrina* Hardwick, 1968
- 933339 *Euxoa cryptica* Hardwick, 1968
- 933340 *Euxoa leuschneri* Lafontaine, 1987 ‡
- 933341 *Euxoa extranea* (Smith, [1888])
- 933342 *Euxoa tristicula* (Morrison, 1876)
- 933343 *Euxoa vetusta* (Walker, 1865)
- 933344 *Euxoa fuscigerus* (Grote, 1874)
- 933345 *Euxoa atomaris* (Smith, 1890)
- 933346 *Euxoa pleuritica* (Grote, 1876)
- 933347 *Euxoa pestula* Smith, 1904

- 933348 *Euxoa simona* McDunnough, 1932
- 933349 *Euxoa hardwicki* Lafontaine, 1987 ‡
- 933350 *Euxoa camalpa* (Dyar, 1912)
- 933351 *Euxoa maderensis* Lafontaine, 1976
- 933352 *Euxoa serotina* Lafontaine, 1976
- 933353 *Euxoa bostoniensis* (Grote, 1874)
- 933354 *Euxoa medialis* (Smith, [1888])
- 933355 *Euxoa bifasciata* (Smith, [1888])
- 933356 *Euxoa perexcellens* (Grote, 1875)
- 933357 *Euxoa sculptilis* (Harvey, 1875)
- 933358 *Euxoa ustulata* Lafontaine, 1976
- 933359 *Euxoa rufula* (Smith, [1888])
- 933360 *Euxoa intrita* (Morrison, 1874)
- 933361 *Euxoa annulipes* (Smith, 1890)
- 933362 *Euxoa emma* L. G. Crabo & A. Crabo, 2007 ‡
- 933363 *Euxoa oncocnemoides* (Barnes & Benjamin, 1927) <sup>624</sup>
- 933364 *Euxoa scholastica* McDunnough, 1920
- 933365 *Euxoa terrenus* (Smith, 1900)
- 933366 *Euxoa antica* Lafontaine, 1974
- 933367 *Euxoa franclemonti* Lafontaine, 1987 ‡
- 933368 *Euxoa absona* Lafontaine, 1987 ‡
- 933369 *Euxoa serricornis* (Smith, [1888])
- 933370 *Euxoa tocoyae* (Smith, 1900)
- 933371 *Euxoa scotogrammoides* McDunnough, 1932
- 933372 *Euxoa pluralis* (Grote, 1878)
- 933373 *Euxoa cinnabarina* Barnes & McDunnough, 1918
- 933374 *Euxoa permixta* McDunnough, 1940
- 933375 *Euxoa setonia* McDunnough, 1927
- 933376 *Euxoa pallidimacula* Lafontaine, 1987 ‡
- 933377 *Euxoa mojave* Lafontaine, 1987 ‡
- 933378 *Euxoa declarata* (Walker, 1865)
- 933379 *Euxoa campestris* (Grote, 1875)
- 933380 *Euxoa rockburnei* Hardwick, 1973
- 933381 *Euxoa flavidens* (Smith, [1888])
- 933382 *Euxoa silens* (Grote, 1875)
- 933383 *Euxoa pimensis* Barnes & McDunnough, 1910
- 933384 *Euxoa immixta* (Grote, 1881)
- 933385 *Euxoa simulata* McDunnough, 1946
- 933386 *Euxoa lafontainei* Metzler & Forbes, 2009 ‡
- 933387 *Euxoa punctigera* (Walker, 1865)
- 933388 *Euxoa cana* Lafontaine, 1975
- 933389 *Euxoa aurantiaca* Lafontaine, 1975
- 933390 *Euxoa stygialis* Barnes & McDunnough, 1912
- 933391 *Euxoa stigmatalis* (Smith, 1900)

- 933392 *Euxoa spumata* McDunnough, 1940  
 933393 *Euxoa pallipennis* (Smith, [1888])  
 933394 *Euxoa baja* Lafontaine, 1987 ‡  
 933395 *Euxoa tessellata* (Harris, 1841)  
 933396 *Euxoa plagigera* (Morrison, 1874)  
 933397 *Euxoa albipennis* (Grote, 1876)  
 933398 *Euxoa henrietta* (Smith, 1900)  
 933399 *Euxoa cincta* Barnes & Benjamin, 1924  
 933400 *Euxoa coconino* Lafontaine, 1987 ‡  
 933401 *Euxoa hollemani* (Grote, 1874)  
     syn. *E. andera* Smith, 1910 <sup>625</sup>  
 933402 *Euxoa subandera* Lafontaine, 1987 ‡  
 933403 *Euxoa xasta* Barnes & McDunnough, 1910  
 933404 *Euxoa catenula* (Grote, 1879)  
 933405 *Euxoa comosa* (Morrison, 1876)  
     syn. *E. incallida* (Smith, 1890) <sup>625</sup>  
 933406 *Euxoa lineifrons* (Smith, 1890)  
 933407 *Euxoa guadalupensis* Lafontaine & Byers, 1982 ‡  
 933408 *Euxoa lucida* Barnes & McDunnough, 1912  
 933409 *Euxoa fumalis* (Grote, 1873)  
 933410 *Euxoa occidentalis* Lafontaine & Byers, 1982 ‡  
 933411 *Euxoa velleripennis* (Grote, 1874)  
 933412 *Euxoa infausta* (Walker, 1865)  
 933413 *Euxoa satis* (Harvey, 1876)  
 933414 *Euxoa faulkneri* Mustelin, 2000 ‡  
 933415 *Euxoa brunneigera* (Grote, 1876)  
     syn. *E. loya* (Smith, 1900) <sup>625</sup>  
 933416 *Euxoa excogita* (Smith, 1900) <sup>626</sup>  
 933417 *Euxoa bicollaris* (Grote, 1878)  
 933418 *Euxoa inyoca* Benjamin, 1936  
 933419 *Euxoa selenis* (Smith, 1900)  
 933420 *Euxoa piniae* Buckett & Bauer, 1964  
 933421 *Euxoa satiens* (Smith, 1890)  
 933422 *Euxoa violaris* (Grote & Robinson, 1868)  
 933423 *Euxoa cursoria* (Hufnagel, 1766)  
     ssp. *E. c. wirima* Hardwick, 1965 <sup>627</sup>  
 933424 *Euxoa ochrogaster* (Guenée, 1852)  
 933425 *Euxoa nostra* (Smith, 1890)  
 933426 *Euxoa siccata* (Smith, 1893)  
 933427 *Euxoa choris* (Harvey, 1876)  
 933428 *Euxoa obeliscoides* (Guenée, 1852)  
 933429 *Euxoa oberfoelli* Hardwick, 1973  
 933430 *Euxoa lillooet* McDunnough, 1927  
 933431 *Euxoa basalis* (Grote, 1879)

- 933432 *Euxoa costata* (Grote, 1876)
- 933433 *Euxoa castanea* Lafontaine, 1981 ‡
- 933434 *Euxoa foeminalis* (Smith, 1900)
- 933435 *Euxoa idahoensis* (Grote, 1878)
- 933436 *Euxoa furtivus* (Smith, 1890) <sup>628</sup>
- 933437 *Euxoa clausa* McDunnough, 1923
- 933438 *Euxoa brevipennis* (Smith, [1888])
- 933439 *Euxoa servitus* (Smith, 1895)
- 933440 *Euxoa redimicula* (Morrison, 1874)
- 933441 *Euxoa auripennis* Lafontaine, 1974  
syn. *E. arizonensis* Lafontaine, 1974 <sup>629</sup>
- 933442 *Euxoa olivalis* (Grote, 1879)
- 933443 *Euxoa agema* (Strecker, 1899)
- 933444 *Euxoa oblongistigma* (Smith, [1888])
- 933445 *Euxoa citricolor* (Grote, 1880)
- 933446 *Euxoa tronellus* (Smith, 1903)
- 933447 *Euxoa teleboa* (Smith, 1890)
- 933448 *Euxoa difformis* (Smith, 1900)  
syn. *E. mercedes* Barnes & McDunnough, 1912 <sup>629</sup>
- 933449 *Euxoa moerens* (Grote, 1883)
- 933450 *Euxoa latro* (Barnes & Benjamin, 1927)
- 933451 *Euxoa murdocki* (Smith, 1890)
- 933452 *Euxoa dodi* McDunnough, 1923
- 933453 *Euxoa infracta* (Morrison, 1875)
- 933454 *Euxoa laetificans* (Smith, 1894)
- 933455 *Euxoa quadridentata* (Grote & Robinson, 1865)
- 933456 *Euxoa inscripta* Lafontaine, 1981 ‡
- 933457 *Euxoa unica* McDunnough, 1940
- 933458 *Euxoa niveilinea* (Grote, 1882)
- 933459 *Euxoa dargo* (Strecker, 1898)
- 933460 *Euxoa melura* McDunnough, 1932
- 933461 *Euxoa detera* (Walker, 1856)
- 933462 *Euxoa cicatricosa* (Grote & Robinson, 1865)
- 933463 *Euxoa reclusa* (Harvey, 1876)
- 933464 *Euxoa aequalis* (Harvey, 1876) <sup>630</sup>  
ssp. *E. a. aequalis* (Harvey, 1876)  
ssp. *E. a. acornis* (Smith, 1895)  
ssp. *E. a. alko* (Strecker, 1899)  
ssp. *E. a. yukonensis* Lafontaine, 1987 ‡
- 933465 *Euxoa conjuncta* (Smith, 1890)
- 933466 *Euxoa cona* (Strecker, 1898)
- 933467 *Euxoa munis* (Grote, 1879)
- 933468 *Euxoa misturata* (Smith, 1890)
- 933469 *Euxoa melana* Lafontaine, 1975

- 933470 *Euxoa atristrigata* (Smith, 1890)  
 933471 *Euxoa nevada* (Smith, 1900)  
 933472 *Euxoa cinereopallidus* (Smith, 1903)  
 933473 *Euxoa mitis* (Smith, 1894)  
 933474 *Euxoa luctuosa* Lafontaine, 1976  
 933475 *Euxoa aberrans* McDunnough, 1932  
 933476 *Euxoa nomas* (Erschov, 1874)  
     syn. *E. incognita* (Smith, 1893) <sup>631</sup>  
 933477 *Euxoa macrodentata* Hardwick, 1965  
 933478 *Euxoa manitobana* McDunnough, 1925  
 933479 *Euxoa montana* (Morrison, 1875)  
 933480 *Euxoa perolivalis* (Smith, 1905)  
 933481 *Euxoa perpolita* (Morrison, 1876)  
 933482 *Euxoa taura* Smith, 1905  
     syn. *E. cooki* McDunnough, 1925 <sup>631</sup>  
 933483 *Euxoa flavicollis* (Smith, [1888])  
 933484 *Euxoa maimes* (Smith, 1903) <sup>632</sup>  
 933485 *Euxoa ridingsiana* (Grote, 1875)  
 933486 *Euxoa wilsoni* (Grote, 1873)  
 933487 *Euxoa riversii* (Dyar, 1903)  
 933488 *Feltia mollis* (Walker, [1857]) <sup>633</sup>  
 933489 *Feltia nigrita* (Graeser, 1892)  
     syn. *F. acarnea* (Smith, 1905) <sup>634</sup>  
 933490 *Feltia woodiana* (Lafontaine, 1986) ‡  
 933491 *Feltia troubridgei* Lafontaine, 2004 ‡  
 933492 *Feltia boreana* (Lafontaine, 1986) ‡  
 933493 *Feltia beringiana* (Lafontaine & Kononenko, 1986) ‡  
 933494 *Feltia manifesta* (Morrison, 1875)  
 933495 *Feltia geniculata* (Grote & Robinson, 1868)  
 933496 *Feltia floridensis* Lafontaine, 2004 ‡  
 933497 *Feltia austrina* (Lafontaine, 1986) ‡  
 933498 *Feltia jaculifera* (Guenée, 1852) <sup>635</sup>  
     syn. *F. edentata* Smith, 1902  
     syn. *F. hudsoni* Smith, 1903  
 933499 *Feltia inyoca* Lafontaine, 2004 ‡  
 933500 *Feltia evanidalis* (Grote, 1878) <sup>635</sup>  
     syn. *F. californiae* McDunnough, 1939  
 933501 *Feltia subgothica* (Haworth, 1809)  
 933502 *Feltia tricola* (Lintner, 1874) <sup>635</sup>  
     syn. *F. pectinicornis* Smith, 1890  
     syn. *F. subpallida* McDunnough, 1932  
 933503 *Feltia herilis* (Grote, 1873)  
 933504 *Feltia subterranea* (Fabricius, 1794) <sup>636</sup>

- 933505 *Feltia repleta* (Walker, 1857) <sup>636</sup>
- 933506 *Agrotis vetusta* (Walker, 1856)
- 933507 *Agrotis daedalus* (Smith, 1890)
- 933508 *Agrotis striata* Lafontaine, 2004 ‡
- 933509 *Agrotis rileyana* Morrison, 1874 <sup>637</sup>
- 933510 *Agrotis ruta* (Eversmann, 1851)  
syn. *A. patula* Walker, 1857 <sup>638</sup>
- 933511 *Agrotis longicornis* Lafontaine & Troubridge, 2004 ‡
- 933512 *Agrotis orthogonia* Morrison, 1876  
syn. *A. orthogonoides* McDunnough, 1946 <sup>638</sup>
- 933513 *Agrotis kingi* McDunnough, 1932
- 933514 *Agrotis robustior* (Smith, 1899)
- 933515 *Agrotis gladiaria* Morrison, 1874
- 933516 *Agrotis venerabilis* Walker, [1857]
- 933517 *Agrotis vancouverensis* Grote, 1873  
syn. *A. aeneipennis* Grote, 1876 <sup>638</sup>  
syn. *A. atha* Strecker, 1898 <sup>638</sup>
- 933518 *Agrotis gravis* Grote, 1874
- 933519 *Agrotis stigmata* Morrison, 1874
- 933520 *Agrotis arenarius* Neil, 1983 ‡
- 933521 *Agrotis volubilis* Harvey, 1874
- 933522 *Agrotis obliqua* (Smith, 1903)  
syn. *A. musa* (Smith, 1910) <sup>638</sup>
- 933523 *Agrotis antica* Crabo & Lafontaine, 2004 ‡
- 933524 *Agrotis buchholzi* (Barnes & Benjamin, 1929)  
syn. *A. carolina* Schweitzer & McCabe, 2004 ‡ <sup>639</sup>
- 933525 *Agrotis haesitans* Walker, [1857]
- 933526 *Agrotis malefida* Guenée, 1852
- 933527 *Agrotis apicalis* Herrich-Schäffer, 1868
- 933528 *Agrotis ipsilon* (Hufnagel, 1766)  
**Subtribe Noctuina Latreille, 1809** <sup>640</sup>
- 933529 *Ochropleura implecta* Lafontaine, 1998 ‡
- 933530 *Diarsia esurialis* (Grote, 1881)
- 933531 *Diarsia calgary* (Smith, 1898)
- 933532 *Diarsia dislocata* (Smith, 1904)
- 933533 *Diarsia jucunda* (Walker, [1857])
- 933534 *Diarsia rubifera* (Grote, 1875)
- 933535 *Diarsia rosaria* (Grote, 1878)  
ssp. *D. r. rosaria* (Grote, 1878)  
ssp. *D. r. freemani* Hardwick, 1950 <sup>641</sup>
- 933536 *Cerastis tenebrifera* (Walker, 1865)
- 933537 *Cerastis fishii* (Grote, 1878) <sup>642</sup>
- 933538 *Cerastis cornuta* (Grote, 1874)

- 933539 *Cerastis robertsoni* Lafontaine & Crabo, 1997 ‡
- 933540 *Cerastis enigmatica* Lafontaine & Crabo, 1997 ‡
- 933541 *Cerastis gloriosa* Crabo & Lafontaine, 1997 ‡
- 933542 *Cerastis salicarum* (Walker, 1857)
- 933543 *Choephora fungorum* Grote & Robinson, 1868
- 933544 *Paradiarsia littoralis* (Packard, 1867)
- 933545 *Hemipachnobia subporphyrea* (Walker, 1858) <sup>643</sup>
- 933546 *Hemipachnobia monochromatea* (Morrison, 1874) <sup>643</sup>
- 933547 *Lycophotia phyllophora* (Grote, 1874) <sup>644</sup>
- 933548 *Rhyacia quadrangula* (Zetterstedt, 1839)
- 933549 *Rhyacia clemens* (Smith, 1890) <sup>645</sup>
- 933550 *Chersotis juncta* (Grote, 1878)
- 933551 *Noctua pronuba* (Linnaeus, 1758) <sup>646</sup>
- 933552 *Noctua comes* Hübner, [1813] <sup>647</sup>
- 933553 *Cryptocala acadiensis* (Bethune, 1870)
- 933554 *Spaelotis clandestina* (Harris, 1841)
- 933555 *Spaelotis bicava* Lafontaine, 1998 ‡
- 933556 *Spaelotis unicava* Lafontaine, 1998 ‡
- 933557 *Spaelotis havilae* (Grote, 1881)
- 933558 *Spaelotis velicava* Lafontaine, 1998 ‡
- 933559 *Spaelotis quadricava* Lafontaine, 1998 ‡
- 933560 *Eurois occulta* (Linnaeus, 1758)
- 933561 *Eurois astricta* Morrison, 1874
- 933562 *Eurois nigra* (Smith, 1892)
- 933563 *Graphiphora augur* (Fabricius, 1775)  
syn. *G. haruspica* (Grote, 1875) <sup>648</sup>
- 933564 *Anaplectoides prasina* ([Denis & Schiffermüller], 1775)
- 933565 *Anaplectoides pressus* (Grote, 1874)
- 933566 *Anaplectoides brunneomedia* McDunnough, 1946
- 933567 *Aplectoides condita* (Guenée, 1852)
- 933568 *Eueretagrotis sigmoides* (Guenée, 1852)
- 933569 *Eueretagrotis perattentus* (Grote, 1876)
- 933570 *Eueretagrotis attentus* (Grote, 1874)
- 933571 *Xestia xanthographa* ([Denis & Schiffermüller], 1775)  
syn. *X. trumani* (Smith, 1903) <sup>649</sup>
- 933572 *Xestia smithii* (Snellen, 1896)
- 933573 *Xestia normanianus* (Grote, 1874)
- 933574 *Xestia conchis* (Grote, 1879)
- 933575 *Xestia oblata* (Morrison, 1875)
- 933576 *Xestia cinerascens* (Smith, 1891)
- 933577 *Xestia plebeia* (Smith, 1898) <sup>650</sup>
- 933578 *Xestia mustelina* (Smith, 1900)
- 933579 *Xestia vernilis* (Grote, 1879) <sup>651</sup>

- 933580 *Xestia verniloides* Lafontaine, 1998 ‡
- 933581 *Xestia infimatis* (Grote, 1880)
- 933582 *Xestia finatimis* Lafontaine, 1998 ‡
- 933583 *Xestia elimata* (Guenée, 1852)
- 933584 *Xestia badicollis* (Grote, 1873)
- 933585 *Xestia praevia* Lafontaine, 1998 ‡
- 933586 *Xestia dilucida* (Morrison, 1875)  
syn. *X. youngii* (Smith, 1902) <sup>652</sup>
- 933587 *Xestia bolteri* (Smith, 1898)
- 933588 *Xestia c-nigrum* (Linnaeus, 1758)  
syn. *X. adela* Franclemont, 1980 <sup>653</sup>
- 933589 *Xestia dolosa* Franclemont, 1980
- 933590 *Xestia wockei* (Möschler, 1862) <sup>654</sup>
- 933591 *Xestia scropulana* (Morrison, 1874)
- 933592 *Xestia staudingeri* (Möschler, 1862) <sup>655</sup>
- 933593 *Xestia inuitica* Lafontaine & Hensel, 1998 ‡
- 933594 *Xestia colorado* (Smith, 1891)
- 933595 *Xestia maculata* (Smith, 1893)
- 933596 *Xestia speciosa* (Hübner, [1813]) <sup>656</sup>  
ssp. *X. s. aklavikensis* (Benjamin, 1933) <sup>657</sup>  
ssp. *X. s. apropritia* (Benjamin, 1933)
- 933597 *Xestia mixta* (Walker, 1856) <sup>658</sup>
- 933598 *Xestia imperita* (Hübner, [1831])
- 933599 *Xestia albuncula* (Eversmann, 1851) <sup>659</sup>
- 933600 *Xestia atrata* (Morrison, 1874) <sup>660</sup>  
ssp. *X. a. atrata* (Morrison, 1874)  
ssp. *X. a. yukona* (McDunnough, 1921)
- 933601 *Xestia ursae* (McDunnough, 1940) <sup>661</sup>
- 933602 *Xestia tecta* (Hübner, [1808]) <sup>656</sup>  
ssp. *X. t. tecta* (Hübner, [1808]) <sup>660</sup>  
ssp. *X. t. tectoides* (Corti, 1926)
- 933603 *Xestia kolymae* (Herz, 1903) <sup>659</sup>
- 933604 *Xestia okakensis* (Packard, 1867) <sup>660</sup>  
ssp. *X. o. okakensis* (Packard, 1867)  
ssp. *X. o. morandi* (Benjamin, 1934)
- 933605 *Xestia lorezi* (Staudinger, 1891) <sup>660</sup>  
ssp. *X. l. ogilviana* Lafontaine, 1987 ‡
- 933606 *Xestia perquiritata* (Morrison, 1874) <sup>662</sup>  
ssp. *X. p. perquiritata* (Morrison, 1874)  
ssp. *X. p. partita* (McDunnough, 1921)
- 933607 *Xestia fabulosa* (Ferguson, 1965)
- 933608 *Xestia homogena* (McDunnough, 1921) <sup>662</sup>  
ssp. *X. h. homogena* (McDunnough, 1921)

- ssp. *X. h. conditoides* (Benjamin, 1933)
- 933609 *Xestia intermedia* (Kononenko, 1981) ‡<sup>663</sup>
- 933610 *Xestia thula* Lafontaine & Kononenko, 1983 ‡
- 933611 *Xestia alaskae* (Grote, 1876)<sup>664</sup>
- 933612 *Xestia aequaeva* (Benjamin, 1934)<sup>665</sup>  
 ssp. *X. a. aequaeva* (Benjamin, 1934)  
 ssp. *X. a. glaucina* Lafontaine & Mikkola, 1996 ‡
- 933613 *Xestia quieta* (Hübner, [1813])<sup>666</sup>
- 933614 *Xestia bryanti* (Benjamin, 1933)<sup>667</sup>  
 syn. *X. acraea* (Benjamin, 1934)
- 933615 *Xestia lyngei* (Rebel, 1923)<sup>663</sup>
- 933616 *Xestia woodi* Lafontaine & Kononenko, 1983 ‡
- 933617 *Xestia fergusoni* Lafontaine, 1983 ‡
- 933618 *Xestia liquidaria* (Eversmann, 1848)<sup>668</sup>  
 syn. *X. fasciata* (Skinner, 1902)
- 933619 *Xestia lupa* Lafontaine & Mikkola, 1998 ‡  
 syn. *X. laetabilis* of authors, not (Zetterstedt, 1839)
- 933620 *Xestia laxa* Lafontaine & Mikkola, 1998 ‡
- 933621 *Parabarrovia keelei* Gibson, 1920
- 933622 *Parabarrovia omilaki* Lafontaine, 1998 ‡
- 933623 *Parabarrovia ogilviensis* Lafontaine, 1988 ‡
- 933624 *Coenophila opacifrons* (Grote, 1878)<sup>669</sup>  
 syn. *C. subrosea* of authors, not (Stephens, 1829)
- 933625 *Prognorisma substrigata* (Smith, 1895)<sup>670</sup>
- 933626 *Agnorisma badinodis* (Grote, 1874)<sup>670</sup>  
 syn. *A. hero* (Morrison, 1876)<sup>671</sup>
- 933627 *Agnorisma bugrai* (Koçak, 1983) ‡<sup>672</sup>  
 syn. *A. collaris* (Grote & Robinson, 1868), homonym
- 933628 *Agnorisma bollii* (Grote, 1881)
- 933629 *Pseudohermonassa bicarnea* (Guenée, 1852)<sup>673</sup>
- 933630 *Pseudohermonassa tenuicula* (Morrison, 1874)
- 933631 *Pseudohermonassa flavotincta* (Smith, 1892)
- 933632 *Pseudohermonassa ononensis* (Bremer, 1861)  
 syn. *P. scaramangoides* (Barnes & Benjamin, 1926)<sup>674</sup>
- 933633 *Setagrotis pallidicollis* (Grote, 1880)<sup>675</sup>  
 syn. *S. planifrons* (Smith, 1890)
- 933634 *Setagrotis vocalis* (Grote, 1879)  
 syn. *S. cinereicollis* (Grote, 1876), homonym
- 933635 *Setagrotis radiola* (Hampson, 1903)  
 syn. *S. radiatus* (Smith, 1900)
- 933636 *Tesagrotis atrifrons* (Grote, 1873)<sup>676</sup>
- 933637 *Tesagrotis piscipellis* (Grote, 1878)
- 933638 *Tesagrotis corrodera* (Smith, 1907)<sup>677</sup>

- 933639 *Tesagrotis amia* (Dyar, 1903) <sup>677</sup>  
syn. *T. fortiter* (Barnes & McDunnough, 1918)
- 933640 *Adelphagrotis stellaris* (Grote, 1880)  
syn. *A. quarta* (Grote, 1881) <sup>678</sup>
- 933641 *Adelphagrotis indeterminata* (Walker, 1865)
- 933642 *Adelphagrotis carissima* (Harvey, 1875) <sup>679</sup>
- 933643 *Parabagrotis formalis* (Grote, 1874) <sup>680</sup>
- 933644 *Parabagrotis insularis* (Grote, 1876)
- 933645 *Parabagrotis cupidissima* (Grote, 1875)
- 933646 *Parabagrotis exsertistigma* (Morrison, 1874) <sup>681</sup>  
syn. *P. exsertistigma* of authors
- 933647 *Parabagrotis sulinaris* Lafontaine, 1998 ‡
- 933648 *Protolampra rufipectus* (Morrison, 1875)
- 933649 *Protolampra brunneicollis* (Grote, 1865)
- 933650 *Abagrotis erratica* (Smith, 1890)
- 933651 *Abagrotis kirkwoodi* Buckett, 1968
- 933652 *Abagrotis alcandola* (Smith, 1908)
- 933653 *Abagrotis trigona* (Smith, 1893)
- 933654 *Abagrotis apposita* (Grote, 1878)
- 933655 *Abagrotis vittifrons* (Grote, 1864)
- 933656 *Abagrotis bimarginalis* (Grote, 1883)
- 933657 *Abagrotis mirabilis* (Grote, 1879)
- 933658 *Abagrotis rubricundis* Buckett, 1968
- 933659 *Abagrotis glenni* Buckett, 1968
- 933660 *Abagrotis hennei* Buckett, 1968
- 933661 *Abagrotis striata* Buckett, 1968
- 933662 *Abagrotis pulchrata* (Blackmore, 1925)
- 933663 *Abagrotis nefascia* (Smith, 1908)  
syn. *A. crumbi* Franclemont, 1955 <sup>682</sup>
- 933664 *Abagrotis reedi* Buckett, 1969
- 933665 *Abagrotis duanca* (Smith, 1908)
- 933666 *Abagrotis nanalis* (Grote, 1881)
- 933667 *Abagrotis discoidalis* (Grote, 1876)
- 933668 *Abagrotis turbulenta* McDunnough, 1927
- 933669 *Abagrotis hermina* Lafontaine, 1998 ‡
- 933670 *Abagrotis dodi* McDunnough, 1927
- 933671 *Abagrotis dickeli* Lafontaine, 1998 ‡
- 933672 *Abagrotis placida* (Grote, 1876)
- 933673 *Abagrotis alampeta* Franclemont, 1967
- 933674 *Abagrotis petalama* Lafontaine, 1998 ‡
- 933675 *Abagrotis denticulata* McDunnough, 1946
- 933676 *Abagrotis orbis* (Grote, 1876)  
syn. *A. barnesi* (Benjamin, 1921) <sup>682</sup>

- 933677 *Abagrotis baueri* McDunnough, 1949  
933678 *Abagrotis variata* (Grote, 1876)  
933679 *Abagrotis scopeops* (Dyar, 1904)  
syn. *A. tecatensis* Buckett, 1968 <sup>682</sup>  
933680 *Abagrotis alternata* (Grote, 1864)  
933681 *Abagrotis mexicana* Lafontaine, 1998 ‡  
933682 *Abagrotis forbesi* (Benjamin, 1921) <sup>683</sup>  
syn. *A. nefascia* of authors, not (Smith, 1908)  
933683 *Abagrotis brunneipennis* (Grote, 1875) <sup>684</sup>  
933684 *Abagrotis cryptica* Lafontaine, 1998 ‡  
933685 *Abagrotis cupida* (Grote, 1865)  
933686 *Abagrotis magnicupida* Lafontaine, 1998 ‡  
933687 *Abagrotis belfragei* (Smith, 1890)  
933688 *Abagrotis anchocelioides* (Guenée, 1852)  
933689 *Pronoctua typica* Smith, 1894  
933690 *Pronoctua pyrophiloides* (Harvey, 1876)  
933691 *Pronoctua peabodyae* (Dyar, 1903) <sup>685</sup>  
933692 *Pronoctua craboi* Lafontaine, 1998 ‡  
933693 *Isochlora sericea* (Lafontaine & Kononenko, 1996) ‡ <sup>686</sup>

## Notes

The names of genera and species that are discussed in the Notes but that do not appear in the check list are highlighted in **bold** (except for entry headings) and included in the index.

Generic synonymies where multiple new combinations were created are noted and discussed in association with the first species in the list where the former genus had been used. For example, the synonymy of the genus *Bomolocha* with *Hypena* by Poole (1989) resulted in six new combinations (Note 48), which is referenced after *Hypena manalis*, the first species listed that had formerly been in *Bomolocha*.

Authors' names and dates for scientific names are separated by a comma to follow the recommendation of the ICZN; the comma is omitted from literature references. Generic names within the notes in bold font do not appear in the check list, being either synonyms or subgenera.

- 1 **Superfamily Noctuoidea** - Classification adapted from Fibiger and Lafontaine (2005) and Lafontaine and Fibiger (2006) with family delimitations derived from Zahiri et al. (2010).
- 2 **Family Doidae** - Recent molecular work on the family Doidae suggests that they might not be correctly associated with the Noctuoidea (Regier et al. 2009; Zahiri et al. 2010). The family is retained here until further information on their classification is available.
- 3 **Family Notodontidae** - Classification adapted from Miller (1991).
- 4 ***Pheosia portlandia*** - This taxon was previously treated as a distinct species, replacing *P. rimosa* in Pacific coastal forests. DNA barcode haplotypes of Washington and British Columbia *P. portlandia* are entirely or nearly identical to typical *P. rimosa* from B.C. and Alberta, and there are no differences in genitalic structure. Intermediate phenotypes occur across a large geographic area from central British Columbia to central Washington. We therefore treat *P. portlandia*, **syn. n.** as a coastal forest ecophenotype of *P. rimosa*.
- 5 ***Notodonta torva*** - Previously treated as *N. simplaria* Graef. Schintlmeister ([1984]) treated *N. simplaria* (misspelled as "*simpliaria*" in [1984] and in Schintlmeister 2008) as a subspecies of the widespread Eurasian species *N. torva*, based on similarity of male genitalic structure. In North America *N. torva simplaria* occurs at least as far north as west-central Northwest Territories and northern Yukon in Canada, so the single Holarctic species concept is plausible, but we also note that few taiga species are truly Holarctic (Mikkola et al. 1991) and more often they represent sibling species. This taxonomic arrangement should be carefully re-examined.
- 6 ***Gluphisia septentrionis*, stat. rev.** - Synonymized with ***G. crenata*** (Esper, 1785) by Schintlmeister ([1984]), who presumed *crenata* to be a widespread Holarctic species. However, an unexpectedly large genetic divergence (~8% of COI mtDNA barcode fragment) between North American and European

- populations indicates that separate species status should be retained until a more complete taxonomic evaluation can be made.
- 7 ***Furcula borealis*** - Schintlmeister (2008) treated *F. borealis* as a subspecies of *F. bicuspis* Borkhausen, 1790, described from Germany. *Furcula borealis* was elevated back to species status by Schmidt and Anweiler (2010a). The genus is in need of revision.
  - 8 ***Furcula cinerea*** - Barcode divergences within nominal *Furcula cinerea* indicate that more than one species may be involved. The genus is in need of revision.
  - 9 ***Furcula occidentalis*** - Schintlmeister (2008) treated *F. occidentalis* as a subspecies of the European *F. furcula* (Clerck, 1758), but *F. occidentalis* was elevated back to species status by Schmidt and Anweiler (2010a). The genus is in need of revision.
  - 10 ***Disphragis captiosa*** - Reported from Arizona by Leuschner (1992).
  - 11 **Subfamily Lymantriinae** - Classification of the subfamily Lymantriinae follows Ferguson (1973) with tribal classification from Holloway (1999). The Lymantriinae are treated as a subfamily of the Erebidae following Zahiri et al. (2010).
  - 12 **Tribe Leucomini** - Reinstatement of the tribe Leucomini follows Holloway (1999).
  - 13 **Subfamily Arctiinae** - Classification, nomenclature, and additional species updates to the Franclemont (1983) check list were provided in Ferguson and Opler (2006) and Schmidt and Opler (2008) and are not repeated here. The Arctiinae are treated as a subfamily of the Erebidae following Zahiri et al. (2010).
  - 14 **Subtribe Cisthenina** - Several lineages within the Lithosiini were proposed or re-defined by Bendib and Minet (1999), but not all North American genera were dealt with or explicitly included in the existing subtribes (described as tribes); as such, the subtribal arrangement should be considered provisional. The Cisthenina in particular includes morphologically very divergent genera and genus groups, and are likely not a monophyletic group as currently defined.
  - 15 ***Clemensia patella*** - *Clemensia patella* (type locality: Jalapa, Mexico) was removed from synonymy with *C. albata* by Ferguson and Opler (2006: 6) and applied to Pacific Coast populations. It was subsequently put back into synonymy by Schmidt and Opler (2008) because Pacific Coast populations are merely a slightly larger, darker form of *C. albata*, to which the name ***C. a. umbrata*** Packard, 1872 (type locality: California) has been applied at the subspecies level (and which has priority over *patella*). Examination of some of Ferguson's unpublished manuscripts shows that he had actually initially applied the name *patella* to southeastern US populations, not to Pacific Coast populations; this error probably crept into the Ferguson and Opler (2006)

- manuscript after Ferguson's untimely death. Comparison of the figure accompanying the original description of *patella*, topotypical *patella* specimens, and specimens of the unrecognized southeastern US taxon show that *patella* is indeed very similar to, but structurally distinct from *C. patella*. Accordingly, the US species (Florida and North Carolina specimens examined) are here listed as *C. patella* of authors, and *C. patella*, **stat. rev.** is raised from the synonymy of *C. albata* for the species in Mexico and Central America.
- 16 ***Holoarctia puengeleri sibirica*** - This taxon was listed as *Holoarctia puengeleri fridolini* in Schmidt and Opler (2008), but Dubatolov (2007) treated the North American (Alaskan) *H. puengeleri* as a new subspecies.
  - 17 ***Grammia Rambur*** - The genus *Grammia* was revised by Schmidt (2009b).
  - 18 ***Grammia franconia*, *G. hewletti*** - Revised status from Schmidt (2009b).
  - 19 ***Grammia figurata*** - Synonymy of *G. celia* from Schmidt (2009b).
  - 20 ***Arctia olschwangi*** - This species has been recorded from the North Slope region of Alaska (specimens in Alaska Lepidoptera Survey Collection). This species appears to be most closely related to *A. brachyptera*, with which it may eventually prove to be conspecific. Based on the material studied to date, however, the North Slope specimens are more similar to Siberian *A. olschwangi* than to Yukon *A. brachyptera*, differing in details of the wing pattern, extent of female wing development and female genitalic structure, and the species status is maintained until the taxonomy of the Beringian *Arctia* can be examined in more detail.
  - 21 ***Virbia Walker*** - The genus ***Holomelina*** Herrich-Schäffer was synonymized with *Virbia* and the species reviewed by Zaspel, Weller, and Carde (2008).
  - 22 ***Virbia marginata*** - This species was first reported from the US by Ferguson & Opler (2006), and also included in a recent review of the genus by Zaspel et al. (2008). Comparison of specimens from AZ and NM with nominate Guatemala *marginata* shows that the US species is not *marginata*.
  - 23 ***Hypercompe extrema*** - This taxon was listed by Franclemont (1983), but the specimens represent an undescribed species, known from southeastern Arizona and the Davis Mountains, Texas. Because it is an undescribed species it was not included in the Ferguson and Opler (2006) and Schmidt and Opler (2008) check lists.
  - 24 ***Utetheisa Hübner*** - Genitalic morphology (Pease 1968, DaCosta 2007) and DNA barcode data (BCS, unpubl. data) show that *bella* and *ornatrix* are forms of the same variable species.
  - 25 ***Dysschema leucophaea*** - The only United States record is based on a single female specimen collected in southern TX by W.W. McGuire in the 1970's. The specimen is either in the Florida State Collection of Arthropods or Texas A & M University (E. Knudson, pers. comm.).
  - 26 ***Pseudohemihyalea ambigua*** - Generic combination from Schmidt (2009a).
  - 27 ***Psilopleura polia*** - Reported from Texas by Knudson and Bordelon (2008).

- 28 ***Phoenicoprocta* Druce** - *Phoenicoprocta lydia* is known in the United States from a photograph of a live specimen taken at Falcon State Park, Rio Grande Valley, Starr Co., Texas by Frances Bartle (<http://texasento.net/Phoenicoprocta.htm>). *Phoenicoprocta hampsonii*, **comb. n.** was included in *Syntomeida* Harris due to the superficially similar spotted wing with species of the genus. However, *hampsonii* is congeneric with *Phoenicoprocta lydia*, based on superficial similarities (eg., narrow wings, straight-sided, non-pointed abdomen with small tuft on end), but also size, similarities in the male genitalia, and microstructure of the flocculent released from the ventral valve (underside of A1), which is nearly identical to that of *P. lydia*, and radically different from that of the flocculents of species of *Syntomeida*. [Contributed by James K. Adams].
- 29 **Subfamily Herminiinae** - The Herminiinae (and the Southeast Asian subfamily Aganainae) are associated with the Arctiinae on the basis of the molecular data of Zahiri et al. (2010). All three subfamilies are unique in the Noctuoidea in having a prespiracular post-tympanal hood on the abdomen.
- 30 ***Idia* “*concisa*”** - This species is related to *Idia aemula* but has a pale hindwing and a stronger median bar in the forewing. It was treated under the name *concisa* by Forbes (1954) and many subsequent authors, but is actually an undescribed species. The holotype of *Herminia concisa* Walker is in the CNC and is a typical specimen of *I. aemula*.
- 31 ***Idia intensinalis*** - This name was treated as a synonym of subspecies *occidentalis* by Franclemont and Todd (1983) but it is here transferred to the synonymy of *I. lubricalis*, **syn. rev.**
- 32 ***Idia occidentalis*** - Shown to be a valid species by Mustelin (2006) and *I. partialis* **syn. rev.** is a synonym.
- 33 ***Idia immaculalis*** - The monotypic genus ***Reabotis*** Smith, 1903 is a synonym of *Idia* Hübner, 1813. *Idia immaculalis* (Hulst), the type-species of *Reabotis*, is a close relative of *Idia occidentalis* (Smith) (Schmidt and Anweiler 2010a).
- 34 ***Zanclognatha* Lederer** - The genus *Zanclognatha* was synonymized with ***Polygogon*** Schrank by Poole (1989), but was later reinstated by Poole (1996) and has been treated as a valid genus by most subsequent authors. The two genera differ in the structure of the palpi, male antennae, and male genitalia (Owada 1987). *Zanclognatha lituralis* is a complex of species. The type material of *Z. lituralis* is lost.
- 35 ***Zanclognatha theralis*** - There are no structural differences between *Zanclognatha theralis*, *Z. deceptricalis*, *Z. inconspicualis* and *Z. gypsalis*. The holotype of *Z. theralis* is a small gray form with an evenly curved thin postmedial line. In the syntypes of *Z. deceptricalis* the transverse lines are prominent and form thick triangular spots on the costa and the pm line bends abruptly below the costa to project toward the outer wing margin. *Z. gypsalis*, **syn. n.** is a form with the central part of the forewing washed with white shading and the pm line may be sharply angled or evenly curved and thick or thin at the costa.

- It was described from North Carolina but is much more widely distributed. *Z. inconspicualis*, **syn. n.** is most like *Z. decepтрicalis*, but the pm line is evenly angled. Intermediate forms occur, although in some areas, two forms may occur together without apparent intermediate forms. The barcodes of the forms include 13 haplotypes among 16 specimens sampled and forms differ by three (of 658) base-pairs or less, with no apparent segregation of the forms by barcode, so we treat them as forms of a single species.
- 36 ***Zanclognatha minoralis*** - The type specimen illustrated by Smith (1895) is atypical for what is normally identified as *Z. minoralis* in southeastern United States. It is without locality so its identity remains to be confirmed.
- 37 ***Zanclognatha marcidilinea*** - Reidentification of the type specimen of *Zanclognatha jacchusalis* results in the name *Z. marcidilinea* being used for the species formerly known *Z. jacchusalis*. *Zanclognatha marcidilinea* is the species with a pale gray-brown forewing with the maculation reduced except for a contrasting yellow subterminal line (Lafontaine and Honey 2009).
- 38 ***Zanclognatha jacchusalis*** - The identity of the only extant type specimen of *Zanclognatha jacchusalis*, designated as lectotype by Lafontaine and Honey (2009), results in the name *Z. ochreipennis* being relegated to the synonymy of *Z. jacchusalis*. *Zanclognatha jacchusalis* has an orange-brown forewing heavily speckled with black and prominent maculation.
- 39 ***Zanclognatha lotalba bryanti*** - This subspecific name was transferred from *Z. ochreipennis* to *Z. lotalba* by Lafontaine and Honey (2009).
- 40 ***Simplicia cornicalis*** - Material of this introduced, Southeast Asian species was originally identified as *Simplicia caeneusalis*. The first records were from southern Florida by Jim Vargo in 2007 and from Vernon Brou, Jr. in Louisiana in 2008. *Simplicia caeneusalis* was placed in synonymy with *Simplicia cornicalis* by Holloway (2008) after examination of the genitalia of the type in Copenhagen. Holloway (2008) includes the full synonymy for the species. Although *Simplicia cornicalis* resembles some *Zanclognatha* species, especially *Z. marcidilinea*, genitalia structure and DNA data place it as the sister group to the *Zanclognatha* + *Chytolita* Grote clade.
- 41 ***Hormisa* Walker** - The genus ***Hormisa*** was synonymized with *Macrochilo* Hübner by Ferguson (1982) and the North American species revised.
- 42 ***Bleptina araealis*** - This species was reported from Florida by Dickel (1991). However, examination of the holotype from Nassau in the Bahamas in the Natural History Museum, London indicates that the Florida species is unnamed.
- 43 ***Bleptina hydrillalis*** - Examination of the type material of *Bleptina hydrillalis* and its synonyms in the Natural History Museum, London indicates that the species in Florida is unnamed.
- 44 ***Physula albipunctilla*** - First reported from North America from southern Florida by Dickel (1991); range now extended to northern Florida and southeastern Georgia (James K. Adams, pers. comm.).

- 45 ***Carteris lineata*** - Reported from Texas by Bordelon and Knudson (2000) and Knudson and Bordelon (2004). Voucher specimens are in the TLS Collection, Houston, Texas.
- 46 ***Macristis geminipunctalis*** - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.
- 47 **Subfamily Pangraptinae** - The Pangraptinae were resurrected as a tribe (in the Eublemminae) by Fibiger and Lafontaine (2005) and by Holloway (2005) (in the Catocalinae). Examination of additional morphological characters and other eublemmine taxa indicate Pangraptinae are not closely related to the Eublemminae (Holloway 2009), and are therefore accorded subfamily status. The molecular phylogeny of Zehner et al. (2009) supports the inclusion of the Pangraptinae in a clade consisting of the Herminiinae, Aganainae and Arctiinae, also well-removed from the Eublemminae and supporting subfamily status.
- 48 ***Hypena* Schrank** - The genera ***Bomolocha*** Hübner, ***Ophiuche*** Hübner, and ***Plathypena*** Grote were synonymized with *Hypena* by Poole (1989). *Hypena annulalis*, *H. atomaria*, *H. heuloea*, *H. ramstadtii*, *H. umbralis*, *H. vega* were new combinations proposed by Poole (1989).
- 49 ***Hypena appalachiensis*, comb. n.** - Combination results from synonymy of *Bomolocha* and *Hypena* by Poole (1989).
- 50 ***Hypena subidalis*** - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida. Generic combination from Poole (1989).
- 51 ***Hypena vetustalis*** - Reported from Florida by Dickel (1991) and Texas by Knudson and Bordelon (2004), however the specimens have been reidentified as *Hypena annulalis* (Grote) by comparison with the types of *H. annulalis* and *H. vetustalis* in the BMNH. Specimens of real *Hypena vetustalis* were collected by T. Dickel in southern Florida. Generic combination from Poole (1989).
- 52 ***Hypena modesta*** - This name by Smith is a junior homonym; it was replaced by *Hypena modestoides* Poole, 1989.
- 53 ***Hypena eductalis*** - The species *Lomanaltes eductalis* (Walker) of the Franclemont and Todd (1983) check list is phylogenetically nested within *Hypena* Schrank, so the genus ***Lomanaltes*** Grote, **syn. n.** is placed within *Hypena* in spite of the autapomorphic modification of the forewing costa. This action recreates a primary junior homonym of *Hypena* (*Bomolocha*) *eductalis* Hampson, 1895, described from India, with the older name *Hypena eductalis* Walker, [1859], described from North America, so we propose the replacement name ***Hypena neoeductalis*** Lafontaine & Schmidt, **nom. nov.** for the junior homonym *Hypena* (*Bomolocha*) *eductalis* Hampson.
- 54 ***Colobochyla* Hübner, *Melanomma* Grote** - These two genera were included in the Rivulinae in Richards (1933) and Franclemont and Todd (1983) and in the Phytometrinae by Fibiger and Lafontaine (2005) but do not fit well in

- either group. DNA results in Zahiri et al. (2010) suggest a more isolated position near the Hypheninae.
- 55 **Subfamily Rivulinae** - Classification mainly follows Fibiger and Lafontaine (2005), but the genera *Oxycilla* Grote and *Zelicodes* Grote have been moved here from the Boletobiinae on the basis of DNA data for *Oxycilla* reported by Zahiri et al. (2010).
- 56 ***Rivula pusilla*** - Reported from Florida by Heppner (2003) and from Texas by Knudson and Bordelon (2004).
- 57 **Subfamily Scoliopteryginae** - Classification follows that of Kitching and Rawlins [1998] for the Scoliopterygini, except that the group is raised to subfamily status **stat. rev.**, because of the lack of morphological (Holloway 2005) and molecular (Zahiri et al. 2010) support for inclusion within the Calpinae. This group has generally been treated as subordinate within the calpines due to the shared, specialized structures of a piercing proboscis, but Holloway (2005) outlines numerous structural features that define scoliopterygines and calpines as separate groups. Nuclear gene data also does not support a close relationship of *Scoliopteryx* and Calpinae, but does support a close scoliopterygine-anomine relationship (Zahiri et al. 2010), also suggested by Holloway (2005).
- 58 **Tribe Scoliopterygini** - Classification follows that of Kitching and Rawlins [1998].
- 59 **Tribe Anomini** - Classification follows that of Kitching and Rawlins [1998].
- 60 ***Anomis* Hübner** - Holloway (2005) divided the genus *Anomis* Hübner, [1821] into a number of smaller, better defined genera, but he was mainly dealing with the southeastern Asian fauna, in general, and the Borneo fauna in particular, so he provisionally restricted the genus *Anomis* to the New World pending further research on the Neotropical fauna of the Anomini. Reconciling the North American fauna with Holloway's (2005) concepts results in the following changes: transfer of *erosa* and *flava* to the genus ***Cosmophila*** Boisduval, 1833, *privata* to ***Rusicada*** Walker, *editrix* Guenée to ***Gonitis*** Guenée, and leaving the remainder of the North American species in *Anomis*. Holloway also provisionally synonymized *Alabama* Grote with *Anomis* because it falls within the broader New World concept of *Anomis*, but it may be a valid genus after the New World *Anomis* are revised, and *Alabama* is therefore retained as valid. *Anomis* was originally proposed in a list (Hübner [1821]a) with no description for either of the two included species, *Anomis exacta* and *A. erosa*. Holloway followed Nye (1975) in treating the Neotropical species *Anomis exacta* Hübner, [1822] as the type-species of *Anomis*, believing that *Anomis erosa* had not been validated until 1823 when it was formally described. However, Poole (1989) correctly points out that the original listing of *Anomis erosa* by Hübner ([1821]a) gives a figure reference to illustrations of the species that were published in 1821 in another work (Hübner [1821]b), so the correct type-species of *Anomis* is *Anomis erosa* and the genus *Cosmophila* Boisduval is a synonym of it. That means that if more restrictive generic limits are adopted for the New

- World Anomini, as Holloway (2005) did for the Southeast Asian fauna, the Neotropical fauna of *Anomis* and the associated generic names currently in synonymy with *Anomis* need to be studied before the North American species can be assigned to genera. Until such a comprehensive study can be undertaken, we have opted to follow Poole (1989) and use an inclusive concept for *Anomis*, and maintain *Alabama* Grote as a valid genus until its position with respect to other New World Anomini is known.
- 61 ***Anomis commoda*** - *Anomis commoda* was synonymized with *Anomis privata* by Sugi et al. (1992).
- 62 **Subfamily Calpinae** - Classification generally follows Kitching and Rawlins (1998) and Zaspel and Branham (2008), but with the tribes Scoliopterygini and Anomini removed for reasons given above under the Scoliopteryginae.
- 63 **Tribe Calpini** - Classification generally follows Kitching and Rawlins (1998) and Zaspel and Branham (2008), but with *Eudocima* Billberg removed to the tribe Ophiderini because of weak support between this clade and the Calpini s. s. using nuclear DNA (Zahiri et al. 2010).
- 64 ***Gonodonta fulvangula*** - This species was recorded in Rio Grande City, Texas in 1977 (Knudson and Koehn 2009).
- 65 ***Gonodonta bidens*** - Reported from Florida by Dickel (1991) and from Texas by Knudson and Bordelon (2004).
- 66 ***Gonodonta nitidimacula*** - This species was recorded in Mission, Texas in 2009 (Bordelon and Knudson 2010).
- 67 ***Plusiodonta suffusa*** - Examination of the holotype of *Plusiodonta suffusa* shows that it is a synonym of *P. amado*.
- 68 ***Eudocima apta*** - *Eudocima materna* (Linnaeus, 1867) is now considered to be an Old World species and is replaced in the New World by *Eudocima apta* (Walker, [1858]) (Zilli and Hogenes 2002).
- 69 ***Eudocima serpentifera*** - Recorded in Louisiana in 2006 (Brou 2006)
- 70 ***Eudocima tyrannus*** - Recorded in the Aleutian Islands of Alaska in 2001 (Kruse 2002).
- 71 **Subfamily Hypocalinae** - The genera included here in the Hypocalinae have very distinctive derived character states in the genitalia, partly discussed below under *Aon*, that support a monophyletic clade. However, the placement of the clade within the Erebidae is uncertain.
- 72 ***Aon Neumoegen*** - The systematic placement of the genus *Aon* has had a very checkered past. First described as a species of Cossidae, then moved to the Lymantriidae and subsequently to the Euteliinae, it was again moved to the Catocalinae by Kitching and Rawlins [1998] to render the Euteliidae monophyletic. Fibiger and Lafontaine (2005) then placed it in Dilobinae (= Raphiinae), decisively excluding it from the Lymantriinae based on lack of synapomorphies, which instead variably associated *Aon* with Pantheinae, Raphiinae, Acronictinae (all Noctuidae) or Erebidae (excluding Lymantriinae). Characters of *Aon* more typical of Noctuidae as opposed to Erebidae as cited by Fibiger

and Lafontaine (2005) include a nodular tympanal sclerite (linear in most Erebidæ), tympanal bullae fused (separated in most Erebidæ), scaphium membranous (sclerotized in most Erebidæ). Re-examination of *Aon noctuiformis* shows however that the scaphium has a narrow dorsal sclerotization, and the beak-like palpi, forewing pattern and the fine, dense terminal tufts of the female abdomen are unlike any acronictoid (Dilobinae-Acronictinae-Pantheinae) genera. Also, the female ductus seminalis arises directly opposite (dorsal to) the ostium, such that the apparent ductus bursae is actually the basal section of the corpus bursae; in all examined acronictoid genera, the ductus bursae is well-defined with the ductus seminalis arising at the base of the corpus bursae roughly halfway between the ostium and tip of the corpus bursae. The stout, curving flange at the apex of the aedeagus also does not occur in acronictoid genera. The above mentioned characters of *Aon* (tufted female abdominal terminus, origin of ductus seminalis, flanged aedeagus, beaked palpi) are shared by several genera currently placed in the Hypocalinae (*Psammathodoxa*, *Goniapteryx*); furthermore, the COI barcode data clusters *A. noctuiformis* within *Psammathodoxa* and *Hypsoropha* (and never near the acronictoid groups); both DNA data and morphology suggests a close relationship to *Psammathodoxa*, so we transfer *Aon* to the Hypocalinae.

- 73 **Subfamily Scolecocampinae** - This subfamily was characterized by Fibiger and Lafontaine (2005). DNA data and genital characters suggest that the New World genera included in the Araeopteroninae by Fibiger 2005 [in Fibiger and Lafontaine (2005)] are more closely related to the Scolecocampinae than to the Araeopteroninae, although much research remains on the status and composition of this and many other subfamilies and tribes of the Erebidæ.
- 74 *Arugisa lutea*, *A. latiorella* - The holotype of *Arugisa latiorella* in the BMNH is a specimen of the species currently known as *Arugisa watsoni* so *Arugisa lutea*, **stat. rev.**, a former synonym of *Arugisa latiorella* becomes the valid name for the common golden-colored species in eastern North America and *A. latiorella* becomes the name for the less common brown-colored species formerly known as *A. watsoni*, **syn. n.**
- 75 *Abablemma* Nye - The genus *Abablemma* was transferred to the Araeopteroninae by Fibiger and Lafontaine (2005) on the basis of small size and the split valve of the male genitalia. Larval characteristics (Wagner 2008), molecular results from COI, and a reassessment of the valve character lead us to transfer *Abablemma* to the Scolecocampinae next to *Phobolosia* Grote, its apparent closest relative. The valve of *Abablemma* is split, as it is in Araeopteroninae, Scolecocampinae, and many Herminiinae, but the dorsal (costal) part of the valve is heavily sclerotized in *Abablemma*, the Scolecocampinae, and the Herminiinae, whereas in the Araeopteroninae the ventral part of the valve is heavily sclerotized and finger-like with the apex swollen.
- 76 *Phobolosia duomaculata* - This species was inadvertently omitted from the Franclemont and Todd (1983) check list. It is inserted here as *Abablemma duo-*

- maculata* (Barnes & Benjamin, 1925), **comb. n.** It is a close relative of *A. bilineata* (Barnes & McDunnough, 1916) and *A. brimleyana* (Benjamin, 1914).
- 77 **Subfamily Scolecocampinae (*incertae sedis*)** - The New World genera were associated with the subfamily Araeopteroninae by Fibiger (2005) appear to be more closely related to the Scolecocampinae, but they are treated here as *incertae sedis* pending further research.
- 78 ***Araeopteron vilhelmina*** - This species was listed in Franclemont and Todd (1983) on the basis of records from Florida. This could be a complex of species, based on slight differences in wing pattern between the material from Florida and Cuba as compared with typical *vilhelmina*, which occurs in southern Mexico and Central America. The genitalia are very simple structurally, so more material is needed to resolve the identity of the species in southern Florida. The valve is mainly membranous, broad and slightly concave apically and without any processes. None of the New World species of “Araeopteroninae” examined, including “*Araeopteron*” *vilhelmina*, has the structural characters used to define the Araeopteroninae by Fibiger (2005) and it appears that the Araeopteroninae may be restricted to the Old World. In the Araeopteroninae the male valve is deeply cleft with the lower half of the valve heavily sclerotized and apically clubbed; in the female corpus bursae there is a heavily sclerotized plate covered with long spines. “*A.*” *vilhemina* is structurally close to the genus *Sigela* Hulst except that M2 extends to the lower margin of the cell, so the forewing is quadrifine and not trifine as in *Sigela*.
- 79 ***Sigela* Nye** - *Quandara brauneata* (Swett, 1913) was placed in the genus *Sigela* Hulst, 1896, by Fibiger and Lafontaine (2005) and the two genera synonymized on the basis of similarities in the male genitalia. ***Quandara*** is a replacement name for the preoccupied genus ***Lycaugesia*** Hampson, the genus to which *Eois brauneata* Swett was transferred when it was discovered that it was a noctuid, not a geometrid. *Sigela brauneata*, like other species of *Sigela*, has a trifine forewing, unique in the Erebididae, and the reason why *Sigela penumbrata* Hulst and *Eois brauneata* were described as geometrids. ***Lycaugesia hypozonata*** Hampson, the type-species of *Lycaugesia* Hampson (and *Quandara* Nye) has a quadrifine forewing, so *Quandara*, **stat. rev.**, is not a synonym of *Sigela* but at present includes only the species *Quandara hypozonata* (Hampson). *Sigela brauneata* is the most divergent species in *Sigela* in male and female genital characters and may be relegated to a new genus when the group is revised.
- 80 **Subfamily Hypenodinae** - Classification mainly follows Fibiger and Lafontaine (2005).
- 81 **Subfamily Boletobiinae** - Classification mainly follows Fibiger and Lafontaine (2005).
- 82 ***Parascotia fuliginaria*** - This species was originally reported as an introduction into North America by Franclemont and Todd (1983) but the North American material was later described as a new species, *Parascotia mineta* Franclemont, 1985. On the basis of examination of more European material, *Para-*

- scotia mineta*, **syn. n.** is combined with *Parascotia fuliginaria* and treated as a European introduction.
- 83 ***Metalectra* Hübner** - The genus *Metalectra* was included in the Eublemminae, tribe Eublemmini by Fibiger and Lafontaine (2005) on the basis of the membranous cucullus, a character shared with the Scolecocampini and Boletobiini. The larva is a wart-covered fungus feeder so we associate the genus with the Scolecocampini-Boletobiini group and then with the tribe Boletobiini because the DNA barcode consistently associates *Metalectra* with *Mycterophora* Hulst.
- 84 ***Metalectra geminincta*** - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.
- 85 ***Prosoparia anormalis*** - This taxon was reinstated as a valid species by Lafontaine and Dickel 2009. The name is based on the original illustrations because the species was synonymized with *P. perfuscaria* before the associated description was published. It has crisper forewing markings than *P. perfuscaria*, especially the finely scalloped black pm line, the antennal pectinations are shorter, and the COI base pair sequences of the two species differ by 4%.
- 86 **Subfamily Aventiinae** - The concept of the subfamily Aventiinae was expanded by Holloway (2009) to include a number of quadrifine genera that had previously been associated with the former broad concept of Acontiinae. The most distinctive characters are in the female genitalia (reduction or loss of the anterior apophyses, a pouch on each side of the ostium, a partial coil where the corpus bursae tapers into the ductus seminalis). Holloway (2009) includes *Oruza* Walker in the Aventiinae and we follow that here. However, several other quadrifine genera formerly associated with the Acontiinae s.l. (e.g., *Hyperstrotia* Hampson, *Allerastria* Brown, and *Homocerynea* Barnes & McDunnough) do not have the Aventiine characteristics and are placed as *incertae sedis* genera in the Phytometrinae.
- 87 ***Oruza* Walker** - Holloway (2009) transferred *Oruza* from the Acontiinae. He also points out this it is a generic complex and the genus *Oruza* occurs in the eastern Palearctic, India, Southeast Asia, and Australia. The New World species associated with *Oruza* are in need of generic revision and no generic synonyms are available, so we place the genus in quotation marks for the two species that occur in North America.
- 88 **Subfamily Eublemminae** - Classification mainly follows Fibiger and Lafontaine (2005) after the removal of the Pangraptini, which are herein raised to subfamily status.
- 89 ***Eumicremma* Berio, *Eumestleta* Butler** - The genera *Eumicremma* and *Eumestleta* listed in Franclemont and Todd (1983) are treated as synonyms of *Eublemma* Hübner following Poole (1989).
- 90 **Subfamily Phytometrinae** - Classification mainly follows Fibiger and Lafontaine (2005). Some genera may need to be transferred to the revised concept of the Aventiinae by Holloway (2009) or to as yet unnamed subfamilies, so a generic revision and redefinition of the Phytometrinae are needed.

- 91 ***Hemeroplanis rectalis*** - This former form of *Hemeroplanis historialis* was treated as a valid species by Knudson and Bordelon (2004) and we follow that here.
- 92 ***Hemeroplanis trilineosa*** - Reported from Texas by Knudson and Bordelon (2004). Voucher specimen identified by R. Poole. Other specimens may have the third (subterminal) line reduced or absent (E. Knudson, pers. comm.).
- 93 ***Mursa* Walker** - Specimens of the genus *Mursa* from southern Florida and Texas have been associated with three different species' names of *Mursa*. After examination of the genitalia, and most of the type specimens of the 12 names associated with *Mursa*, we believe only a single species occurs in the US and that most if not all of the "species" of *Mursa* represent color forms of *Mursa phthisialis*.
- 94 ***Janseodes melanospila*** - This species was included in the genus *Raparna* Moore in Franclemont and Todd (1983) but was transferred to the genus *Janseodes* Viette by Poole (1989).
- 95 ***Hyperstrotia* Hampson** - *Hyperstrotia* is transferred from the Eustrotiinae to the Phytometrinae, partly on the basis of the tympanal characters discussed by Richards (1933: 14) and partly because of similarities in the larvae and larval behavior (Wagner et al. 2011).
- 96 ***Aglaonice otignatha*** - *Aglaonice hirtipalpis* (Walker, [1859]) was reported from Florida by Dickel (1991) and Heppner (2003), but examination of the types of *A. hirtipalpis* and *A. otignatha* Hampson, 1924 at the Natural History Museum, London, leads to a reidentification of the Florida material as *A. otignatha*. The genus has been listed in the Herminiinae (e.g., Poole 1989), but the postspiracular tympanal hood and DNA exclude it from the Herminiinae. It is placed here following Richards (1933: 15) analysis of the tympanal pockets, which he describes as being typical for Phytometrinae.
- 97 ***Allerastria* Brown** - Genus and generic combination from Brown (1987). Previously associated with the Eustrotiinae in Franclemont and Todd (1983), *Allerastria* shows more similarities to the Phytometrinae in habitus, genitalia, and DNA than to the Eustrotiinae.
- 98 ***Homocerynea* Barnes & McDunnough** - Like *Allerastria*, this genus previously was associated with the Eustrotiinae in Franclemont and Todd (1983). It is tentatively associated with the Phytometrinae.
- 99 ***Cecharismena jalapena*** - This species was described from Orizaba, Mexico and occurs as far north as Texas (vouchers in TLS Collection, Houston). The Franclemont and Todd (1983) check list includes *C. abarusalis*, a species that occurs in Brazil, but this listing seems to be based on the superficial similarity of *C. abarusalis* with the very sexually dimorphic female form of *C. cara*.
- 100 ***Cecharismena anartoides*** - *Plusiodonta anartoides* Walker was included in the genus *Matiloxis* Schaus in Franclemont and Todd (1983), but was transferred to the genus *Radara* Walker by Poole (1989). We treat *Radara* as an Old World genus, primarily occurring in Africa and Southeast Asia. The species placed in

- Cecharismena* by Poole (1989) and some in *Radara* from Central and South America have basal abdominal brushes, levers, and pockets (reduced in some species). These are similar to the structures that are widespread in many subfamilies in the Noctuidae but the details suggest they are convergently derived. Similarities in valve shape and dorsal processes, presence of a large pair of brushes on eversible coremata on the eighth sternum, and the apex of aedeagus expanded with a sclerotized ridged pattern, all suggest that the New World radiation should be treated as a separate genus from Old World *Radara*. The genera *Zagorista* Schaus, 1916, *Chirconia* Schaus, 1916, **syn. n.**, *Diodines* Schaus, 1916, **syn. n.**, *Duriga* Schaus, 1916, **syn. n.**, and *Matiloxis* Schaus, **syn. n.**, are synonyms of *Cecharismena*. [Contributed in collaboration with J. B. Sullivan].
- 101 Subfamily Anobinae** - DNA results for *Anoba* Walker and related genera are highly volatile and range from the group being nested within the Eulepidotinae, to a highly isolated group of Erebidae (Zahiri et al. 2010; Zahiri, pers. comm.). They were proposed as a tribe of the Catocalinae s. l. by Holloway (2005), but we raise them to subfamily status on the basis of the DNA results where they are well removed from the Erebiniae. They differ from most tribes of the Erebiniae in that the ostial opening is not displaced into the seventh abdominal sternite, and from these tribes and the Eulepidotinae in lacking the characteristic form of mid-tibial hair pencil of these taxa. Some genera have massive tufts of hair on the tibiae, especially the hind tibia (e.g., *Deinopa* Walker). The Anobinae are reviewed by Lafontaine and Walsh (2010a).
- 102 *Deinopa angitia*** - This species was described in the genus *Neohermينيا* Druce, a synonym of *Phalaenophana* Grote in the subfamily Herminiinae. It was moved to *Mastixis* Schaus, also in the Herminiinae by Poole (1989), but the species belongs in the Anobinae, not the Herminiinae so we move it to the genus *Deinopa* Walker as *D. angitia* (Druce), **comb. n.** The composition of the species associated with the generic names *Deinopa* and *Baniana* Walker are in need of revision (Lafontaine and Walsh 2010a).
- 103 Subfamily Erebiniae** - From DNA evidence presented by Zahiri et al. (2010), the concept of the subfamily Erebiniae is greatly expanded from that of Goater et al. (2003), Fibiger and Lafontaine (2005), and Lafontaine and Fibiger (2006) to include most of the tribes of the subfamily Catocalinae as defined by Goater et al. (2003) and Fibiger and Lafontaine (2005).
- 104 Tribe Toxocampini** - This group of genera was treated as a tribe of the Catocalinae by Goater et al. (2003) and Fibiger and Lafontaine (2005). In Zahiri et al. (2010) the tribe fell outside of the Erebiniae, but with no bootstrap or Bremer support, so we retain them in the Erebiniae pending further research.
- 105 *Lygephila victoria*** - Generic combination from Poole (1989).
- 106 *Tathorhynchus exsiccata*** - This species was transferred to *Lygephila* Billberg by Goater et al. (2003), but was returned to *Tathorhynchus* Hampson by Fibiger and Hacker (2005).

- 107 **Tribe Thermesiini** - The large-eyed (modified reniform spot) erebids from both the New and Old World are structurally and molecularly very different from *Erebus* Latreille of the Old World, so the tribal name Thermesiini (based on a synonym of *Hemeroblemma* Hübner) is used in place of the Erebini.
- 108 ***Letis xyli*** - First reported from Texas by Blanchard and Knudson (1985a). A voucher specimen is in the USNM.
- 109 **Tribe Catocalini** - This tribe follows the definition given in Fibiger and Lafontaine (2005) except the tribes of the subfamily Catocalinae sensu Fibiger and Lafontaine are treated as tribes of the Erebinae following Zahiri et al. (2010). Revised sequence for species of *Catocala* from Gall and Hawks (2010).
- 110 ***Catocala* Schrank: synonymy** - Synonymy from Gall and Hawks (2010).
- 111 ***Catocala*: taxa described by Edwards and Grote** - New synonymy and/or revised status for taxa described by W. H. Edwards and Grote from Gall and Hawks (2002b).
- 112 ***Catocala luctuosa*, *C. carissima*** - Revised status as valid species from Gall and Hawks (2010).
- 113 ***Catocala*: new status** - From Gall and Hawks (2010).
- 114 ***Catocala*: taxa described by Strecker** - New synonymy and/or revised status for taxa described by Strecker from Gall and Hawks (1990).
- 115 ***Catocala texanae*** - The correct spelling is *texanae*; *texana* is a misspelling by Poole (1989).
- 116 ***Catocala desdemona*** - Revised status as valid species from Hawks (2010).
- 117 ***Catocala*: synonymy** - Synonymy from Hawks (2010).
- 118 ***Catocala benjamini*** - Revised status from Brower (1982).
- 119 ***Catocala louiseae*** - *Catocala protonympha* Boisduval, 1840, a long unused synonym of *Catocala louiseae* Bauer, 1965, is treated as a *nomen oblitum*, so *Catocala louiseae* is treated as a *nomen protectum* by Gall and Hawks (2002a).
- 120 ***Catocala pretiosa*** - Revised status as valid species by Schweitzer (1982).
- 121 ***Catocala lineella*** - Revised status as valid species by Gall (1990).
- 122 **Tribe Melipotini** - This tribe was characterized by Fibiger and Lafontaine (2005). Like most tribes of the Catocalinae, it is placed in the subfamily Erebinae following Zahiri et al. (2010).
- 123 ***Phoberia ingenua*** - The taxon formerly treated as *Phoberia atomaris* is now recognized as two species in North America, *P. atomaris* and *P. ingenua*. The genus was revised by Lafontaine et al. (2008).
- 124 ***Cissusa subtermina*** - Synonymy by Mustelin (2006).
- 125 ***Bulia* Walker** - The genus was revised by Pogue and Laughlin (2002).
- 126 ***Bulia schausi*** - This species was reported in Arizona by Ferris (2007). A search for the species in 2009 indicates that the species is more widespread in southeastern Arizona than previously known (C. Ferris, pers. comm.).
- 127 ***Drasteria hastingsii*** - *Drasteria hastingsii*, **stat. rev.** is a separate species from *Drasteria mirifica* with distinct genital characters. [Contributed by J. T. Troubridge].

- 128 ***Synedoida* H. Edwards** - The genus ***Synedoida*** was synonymized with *Drasteria* Hübner by Richards (1939). *Synedoida* was reinstated as a genus by Franclemont and Todd (1983) but re-synonymized with *Drasteria* by Poole (1989).
- 129 ***Drasteria nichollae*** - *Drasteria nichollae* (Hampson, 1926), **syn. n.**, = *Drasteria sabulosa* H. Edwards, 1881. [Contributed by J. T. Troubridge].
- 130 **Tribe Euclidiini, Tribe Poaphilini** - The tribe Euclidiini as used in Fibiger and Lafontaine (2005) is arranged into two tribes to reflect the monophyly of the two included clades. After analysis of DNA data and genital structure the *Argyrostromis* group of genera is reassigned to the tribe Poaphilini, which is based on a generic synonym of *Argyrostromis*.
- 131 ***Callistege* Hübner** - The genus *Callistege* was synonymized with *Euclidia* Ochsenheimer by Goater et al. (2003), but retained as a subgenus. *Callistege* is reinstated as a separate genus. The three North American species were originally described in *Euclidia*, so the associations are *Callistege intercalaris*, **comb. rev.**, *C. diagonalis*, **comb. rev.**, and *C. triangulara*, **comb. rev.**
- 132 ***Caenurgina distincta*** - This name is a synonym of *Caenurgina crassiuscula* (Schmidt and Anweiler 2010a).
- 133 ***Ptichodis immunis*, *Mocis cubana*** - Reported from Florida by Dickel (1991); vouchers illustrated from the Dickel Collection, Anthony, Florida.
- 134 ***Neadysgonia* Sullivan** - Genus proposed, revised, and removed from the Old World genus *Dysgonia* Hübner by Sullivan (2010).
- 135 ***Cutina* Walker** - The genus was revised by Pogue and Ferguson (1998).
- 136 ***Focillidia grenadensis*** - Reported from Florida by Heppner (2003).
- 137 **Tribe Ophiusiini** - This tribe was characterized by Fibiger and Lafontaine (2005). It is now placed in the subfamily Erebinae following Zahir et al. (2010).
- 138 ***Epidromia* Guenée** - Classification and nomenclature of the genus *Epidromia* in North America follows Lafontaine and Dickel (2008).
- 139 ***Itomia opistographa*** - Reported from Texas by Bordelon and Knudson (2000) and Knudson and Bordelon (2004). Voucher specimens are in the TLS Collection, Houston, Texas.
- 140 ***Heteranassa minor*** - Synonymy by Mustelin (2006).
- 141 ***Elousa albicans*** - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.
- 142 ***Coxina hadenoides*, *Euclystis insana*, *Coenipeta medina*** - Reported from Texas by Knudson and Bordelon (2004). Voucher specimens are in the TLS Collection, Houston, Texas. The species name *hadenoides* is sometimes misspelled as *hadenioides*. Like many Neotropical species, these three species may represent species complexes, so further research is needed to confirm the identities of the species that occurs in Texas.
- 143 ***Kakapoda cincta*** - Synonymy by Becker and Miller (2002).
- 144 ***Toxonprucha diffundens*** - Reported from Texas by Knudson and Bordelon (2004). This name represents a complex of species so the identity of the species in Texas remains to be confirmed.

- 145 ***Zaleops paresa*** - The species name was misspelled as *Zaleops paressa* in Franclemont and Todd (1983).
- 146 ***Matigramma Grote*** - The genus was revised by Franclemont (1986).
- 147 ***Acritogramma Franclemont*** - The genus *Acritogramma* was described by Franclemont (1986) and *Matigramma metaleuca* transferred to it.
- 148 ***Acritogramma noctar*** - A single specimen of this species from southern Arizona is in LACM (Franclemont 1986).
- 149 ***Zale peruncta*** - Reported from Texas by Knudson and Bordelon (2004). This name represents a complex of species so the identity of the species in Texas remains to be confirmed.
- 150 ***Zale obsita*** - Reported from Texas by Knudson and Bordelon (2004) and Florida by Heppner (2003). *Zale obsita* was described from Brazil. The taxon occurring in Texas is a different species from the one in southern Florida. Further research is needed to determine which, if either, of these taxa is *Zale obsita*.
- 151 ***Zale intenta*** - Previously treated as a junior subjective synonym of *Z. lunifera*, this is the common widespread species in eastern North America and *Z. lunifera* is the localized species of barrens along the Atlantic Seaboard (Schmidt 2010b).
- 152 ***Achaea ablunaris*** - Reported from Florida by Dickel (1991). Reported from Texas by Knudson and Bordelon (2004), however these records may be referable to *Mimophisma delunaris* (E. Knudson, pers. comm.).
- 153 ***Amolita Grote*** - The genus *Amolita* is included here because the ostium in *Amolita fessa*, the type-species of *Amolita*, is positioned anteriorly and to the side in the seventh sternite, as in other Ophiuini. The ostium is not as displaced in some other species included in *Amolita*.
- 154 **Subfamily Eulepidotinae** - DNA results from Zahiri et al. (2010) suggest that the Eulepidotini and Panopodini are not clades within the subfamily Erebidae, so the Eulepidotini is raised to subfamily status and includes the tribes Eulepidotini and Panopodini. The female genitalia have the ostial opening in the membrane between the seventh and eighth abdominal sternite, not displaced anteriorly into the seventh sternite as it is in many tribes of the Erebidae, such as Euclidiini, Poaphilini, and Ophiuini. We place it on the list after these tribes because males of the Eulepidotini and Panopodini have the same form of long mid-tibial hair pencils arising from a groove covered with flat translucent white scales. Some genera (e.g., *Eulepidotis* Hübner and *Panopoda* Guenée) also have a differently structured hair pencil on the hind tibia.
- 155 ***Eulepidotis addens*** - Reported from Texas by Blanchard and Knudson (1985a). Voucher specimens are in the TLS Collection, Houston, Texas.
- 156 ***Eulepidotis rectimargo*** - A relatively recent (1969) specimen from Texas is in USNM. It had been incorrectly identified as *Eulepidotis merricki* (Holland, 1902).
- 157 ***Eulepidotis electa*** - A relatively recent (1979) specimen from Arizona is in USNM.

- 158 *Eulepidotis micca* - An old specimen labelled only "S. Tex." is in USNM. More recent specimens reported by Bordelon and Knudson (2000), and others have been found since then (E. Knudson, pers. comm.).
- 159 *Eulepidotis striaepuncta* - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.
- 160 *Herminocala stigmaphiles* - Generic combination from Poole (1989).
- 161 *Obrima pyraloides* - Reported from Texas by Knudson and Bordelon (2004). Voucher specimen in Texas A & M Collection (E. Knudson, pers. comm.).
- 162 *Renodes curviluna*, *Epitaua copprii* - Reported from Texas by Bordelon and Knudson (2000). Voucher specimens are in the TLS Collection, Houston, Texas.
- 163 *Athyrma* **Hübner** - Two species of *Athyrma* occur in southern Florida that have gone under the name of *A. adjutrix*. The species that resembles *A. adjutrix* (with an elongated dumbbell-shaped reniform spot) is an undescribed species that occurs in southern Florida and the Caribbean. The "form" *ganglio* (with a short, comma-shaped reniform spot) is a valid South American species and not a synonym of *A. adjutrix*. Specimens from southern Florida and Central America that resemble *A. ganglio* are undescribed species.
- 164 *Manbuta pyraliformis* - *Thermesia pyraliformis* Walker was transferred to the genus *Epidromia* Guenée by Poole (1989) and reported for Florida in that combination by Dickel (1991). It was later transferred to the genus *Manbuta* Walker by Becker (2001). *Manbuta* does not have a displaced ostial opening as in *Epidromia* and the Ophiuini, so we include it here in the Panopodini.
- 165 **Subfamily Eulepidotinae (*incertae sedis*)** - Three groups of genera have not currently been associated reliably with any subfamily of the Erebidae and do not have a displaced ostial opening characteristic of many erebine tribes, so they are included here after the Eulepidotinae as *incertae sedis* groups.
- 166 *Litoprosopus haitiensis* - This species was reported in Florida by Dickel (1991) and Heppner (2003) under the name *Litoprosopus haitiensis*. Its identity is corrected to *Litoprosopus hatuey* after examination of the types in the Natural History Museum, London.
- 167 **Family Euteliidae** - Classification follows Kitching and Rawlins [1998]. They are treated as a family of the Noctuoidea following Zahir et al. (2010).
- 168 *Marathyssa minus* - DNA barcode data supports the recognition of the phenotypically distinct taxon *Marathyssa minus* as a species separate from *M. inficita* of which *minus* was previously treated as a subspecies. The two species occur in sympatry in parts of Arizona, New Mexico and Texas.
- 169 *Paectes pygmaea* **group** - The species names in this species group were revised by Metzler and Franclemont (1991).
- 170 *Paectes lunodes* - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.
- 171 *Eutelia pyrastis* - This species was described from the Bahamas (type examined) and occurs also in southern Florida. Florida specimens previously were

- identified as *E. furcata*. Based on differences in phenotype and genitalia between Florida specimens and *E. furcata*, *E. pyrastis* **stat. rev.** is treated as a distinct species.
- 172 ***Eutelia furcata*** - This species occurs in the Caribbean and from western Texas and Arizona southward at least to Costa Rica. Examination of the types of the synonyms of *E. furcata* (***distracta*** Walker, 1865; ***piratica*** Schaus, 1940; ***pertanda*** Dyar, 1925) and DNA barcode data from specimens from Arizona, Dominican Republic, and Costa Rica, leads us to conclude that these names are correctly attributed to the synonymy of *E. furcata* as listed by Barbut and Lalanne-Cassou (2005).
- 173 **Family Nolidae** - Classification follows Kitching and Rawlins [1998]. Reinstatement as a family follows Zahiri et al. (2010).
- 174 ***Meganola phylla*** - Significant differences in their COI mitochondrial DNA sequences indicate that *Meganola phylla*, **stat. rev.** and *M. minuscula* should be treated as separate species.
- 175 ***Nola cucullatella*** - This Eurasian species was collected in 2008 in the greater Vancouver area of British Columbia (Westham Island) by Dave Holden, representing the first North American record. Vancouver is a major shipping port, and is the most probable source area of the introduction.
- 176 ***Garella* Walker** - Holloway (2003) transferred the species known as *Characoma nilotica* to the genus *Garella* when he discovered that most of the species assigned to *Characoma* Walker are not congeneric with the type-species of *Characoma* from Borneo.
- 177 ***Nycteola* Hübner** - The genus *Dufayella* Capuse was synonymized with *Nycteola* by Fibiger (2009).
- 178 ***Nycteola scriptana*** - Synonymy and revised status by Poole (1996).
- 179 **“*Afrida*” *exegens*** - Kitching and Rawlins [1998] placed *Afrida* in the Nolidae. It had previously been included in the Arctiinae: Lithosiini (Franclemont 1983). “*Afrida*” *exegens* was retained in the Arctiinae by Ferguson and Opler (2006) and Schmidt and Opler (2008) due to its uncertain generic affinity. DNA barcode data and morphology clearly place *exegens* near *Afrida* (sensu stricto) within the Nolinae.
- 180 **Family Noctuidae** - The family-group name Noctuidae was restricted to the Noctuoidea with a triline hindwing and diagnosed by Fibiger and Lafontaine (2005). The name was later used in a more inclusive concept for all of the Noctuoidea with a quadrifid forewing by Lafontaine and Fibiger (2006). The more restrictive concept of the family Noctuidae of Fibiger and Lafontaine (2005) is reinstated here following Zahiri et al. (2010).
- 181 **Subfamily Plusiinae** - Classification follows Lafontaine and Poole (1991).
- 182 ***Enigmogramma* Lafontaine & Poole** - Genus proposed in Lafontaine and Poole (1991).
- 183 ***Ctenoplusia oxygramma*** - Generic combination and transfer from *Agrapha* Hübner by Lafontaine and Poole (1991).

- 184 ***Chrysodeixis* Hübner - *Pseudoplusia* McDunnough** is treated as a synonym of *Chrysodeixis* following Goater et al. (2003).
- 185 ***Chrysodeixis eriosoma*** - Recorded in significant numbers in several greenhouse complexes in southwestern British Columbia in 2005 and 2006 and occasionally was also found in the wild. An eradication program conducted in 2007 seems to have been successful. Occasionally detected in greenhouses, but it is unknown if it could establish out-of-doors populations in Canada.
- 186 ***Notioplusia* Lafontaine & Poole** - Genus proposed in Lafontaine and Poole (1991).
- 187 ***Polychrysia esmeralda*** - Treated as a distinct species that occurs in North America and eastern Asia and overlaps in range with *Polychrysia moneta* in south-central Asia (Lafontaine and Poole 1991).
- 188 ***Exyra* Grote** - The genus *Exyra* was transferred from the Acontiinae to the Plusiinae by Lafontaine and Poole (1991) and provisionally placed in the Euchalciina. Recent barcode data supports this placement.
- 189 ***Exyra rolandiana*** - Synonymy from Lafontaine and Poole (1991).
- 190 ***Autographa gamma*** - A Eurasian species added to the North American fauna because of its occurrence in Greenland (Lafontaine and Poole 1991).
- 191 ***Autographa buraetica*** - A Eurasian species recorded in North America in Yukon and Alaska (Lafontaine and Poole 1991).
- 192 ***Megalographa* Lafontaine & Poole** - Genus proposed in Lafontaine and Poole (1991) and revised by Lafontaine and Sullivan (2009).
- 193 ***Syngrapha ottolenguii*** - Generic transfer from *Autographa* Hübner and its status discussed by Lafontaine (1986a) and Lafontaine and Poole (1991).
- 194 ***Syngrapha lula* and *S. snowi*** - Synonymy from Lafontaine and Poole (1991).
- 195 ***Syngrapha alticola*** - Treated as a separate species from the Eurasian species *S. devergens* (Hübner, [1813]) by Lafontaine and Poole (1991).
- 196 **Subfamily Bagisarinae** - Treated as a subfamily following Kitching and Rawlins (1998). Concept expanded and redefined by Holloway (2009).
- 197 ***Bagisara laverna*** - First recorded in Arizona by Adams (2000). Now known to be resident in southeastern Arizona.
- 198 ***Amyna* Guenée** - The genus *Amyna* was moved from the Eustrotiinae to the Bagisarinae by Holloway (2009) mainly on the basis of larval characters, and discussed with additional characters by Wagner and Binns (2010).
- 199 ***Amyna axis*** - The synonymy of *Amyna octo* with *Amyna axis* by Walker was overlooked until corrected with an explanation in the check list of the Lepidoptera of Australia (Nielsen et al. 1996).
- 200 **Subfamily Cydosiinae** - Treated as a tribe of the Bagisarinae by Fibiger and Lafontaine (2005). The larvae, illustrated from Costa Rica by Janzen and Hallwachs (<http://janzen.sas.upenn.edu/caterpillars/database.lasso>) are not at all like those of the Bagisarinae, but have long rod-like SD setae on A 1–3 and five pairs of prolegs. They are treated here as the subfamily

- Cydosiinae, **stat. n.** until the phylogenetic associations of the genus are determined.
- 201 *Cydosia phaedra* - Synonymy from Poole (1989).
- 202 **Subfamily Eustrotiinae** - The status of the Eustrotiinae as a separate subfamily from the Acontiinae is discussed by Kitching and Rawlins [1998] and Fibiger and Lafontaine (2005).
- 203 *Tripudia damozela* - Described from Mexico, this is the same species as *T. inquaesita*, **syn. n.** described from Arizona.
- 204 *Tripudia munna* - Recorded in southern California and southern Arizona. It is closely related to *Tripudia damozela*, but the median line is much straighter and the genitalia differ. Vouchers are in CNC and USNM.
- 205 *Tripudia quadrifera* - This species was shown to be a species complex by Pogue (2009) with *T. quadrifera* confined in the United States to Texas. *Tripudia rectangula* occupies most the remainder of the North American range, and two additional species, *T. grapholithoides* and *T. lamina*, occur in Florida where they are sympatric with *T. rectangula*.
- 206 *Tripudia versutus* - This was listed as a valid species in Franclemont and Todd (1983), but as a senior synonym of *Tripudia goyanensis*. Both names represent distinct species in different species groups. Examination of the type material of *T. versutus* shows it to be a valid species, but a species in the *T. flavofasciata* species group. *Tripudia flavofasciata* is a complex of species and *T. versutus*, **stat. rev.** [type in USNM] and *T. flavofasciata* [type in BMNH] refer to two of about six species in the complex.
- 207 *Tripudia goyanensis* - This name is reinstated as a valid species with the transfer of *Tripudia versutus* to the *Tripudia flavofasciata* species complex, so *T. olivacea*, **syn. rev.** is a synonym of *T. goyanensis*.
- 208 *Cobubatha punctifinis* - *Cobubatha punctifinis* Hampson, **syn. n.**, described from the Bahamas, is a synonym of *Cobubatha metaspliaris* Walker, described from Dominican Republic.
- 209 *Cobubatha ochrocraspis* - This species occurs in southern Texas but previously was listed as *C. metaspilaris*, a species confined to southern Florida and the Caribbean.
- 210 *Cobubatha lixiva* - *Cobubatha basicinerea* (Grote), **syn. n.**, and *Cobubatha lixinites* (Dyar), **syn. n.**, are synonymized with *C. lixiva* (Grote) on the basis of genital structure and barcode data.
- 211 *Cobubatha orthozona* - *Cobubatha antonita* (Dyar), **syn. n.**, and *C. victrix* (Dyar), **syn. n.**, are synonymized with *C. orthozona* (Hampson) on the basis of genital structure and barcode data.
- 212 *Cobubatha ipilla* - Recorded in the Big Bend area of western Texas by Ed Knudson (vouchers in TLS Collection, Houston). *Cobubatha rustica* Dyar, **syn. n.**, is synonymized with *C. illipa* Dyar on the basis of genital structure and wing markings.

- 213 *Cobubatha megaplaga* - Recorded in Texas by Ed Knudson (vouchers in TLS Collection, Houston).
- 214 *Marimatha* Walker - The type-species of *Marimatha*, *M. dinumeratalis* Walker is congeneric with *Xanthoptera nigrofimbria*, the type-species of *Thioptera* Franclemont. The North American species are revised by Ferris and Lafontaine (2010).
- 215 *Marimatha aurifera* - This is a South American species described from Brazil. Florida and Texas material has been reidentified as *M. tripuncta* by Ferris and Lafontaine (2010).
- 216 *Deltote bellicula* - Generic combination from Ueda (1984).
- 217 *Protodeltote* Ueda - Ueda's (1984, 1987) revision of the *Deltote* R. L. [the name of the author "R. L." is unknown] group of genera was restricted to the fauna of Japan and Taiwan, although the North American species *Lithacodia bellicula* was included because it is the type-species of *Lithacodia* Hübner, a synonym of *Deltote* R. L. The valves of "*Lithacodia*" *muscosula* (Guenée) and "*L.*" *albidula* (Guenée) are similar to those of *Deltote bellicula*, but the wing pattern and vesica characters are similar to those of the Eurasian species "*Lithacodia*" *pygarga* (Hufnagel, 1766), which Ueda (1984) made the type-species of *Protodeltote* Ueda, so these two North American species are transferred to *Protodeltote* as *P. muscosula* (Guenée), **comb. n.** and *P. albidula* (Guenée), **comb. n.**
- 218 "*Lithacodia* Hübner" - These three species do not belong in any of the described genera in the Eustrotinae, so they are retained in *Lithacodia* of authors (written as "*Lithacodia*") until generic names are available.
- 219 "*Lithacodia*" *costaricana* - The aberrational and unavailable name *Lithacodia musta* ab. *costaricana* Strand, 1917, described from Costa Rica, was raised to species status and validated as *Lithacodia costaricana* Franclemont and Todd, 1983 when specimens resembling *L. costaricana* were found to occur in southwestern United States. Material from Arizona shows significant differences in the male genitalia from *L. costaricana*, and also from the similar *Lithacodia mustapha* Dyar, [holotype in USNM], described from southern Mexico, so the Arizona material is listed as an undescribed species.
- 220 "*Lithacodia*" *phya* - *Lithacodia penthis* (Schaus) was listed by Franclemont and Todd (1983) as occurring in the United States. Examination of the holotype of *Eustrotia penthis* Schaus in USNM and that of *Acontia phya* Druce in BMNH, shows that the material from Arizona is the latter species. Although the two species are similar, "*Lithacodia*" *phya* is smaller (forewing length 8 mm versus 10 mm), the basal pinkish-white patch is much shorter and rounder, the reniform spot is more quadrangular, and the tegumen in the male genitalia is wider.
- 221 *Maliattha* Walker - Generic combinations from Poole (1989).
- 222 *Eustrotiinae (incertae sedis)* - These three genera are misplaced in the Eustrotiinae but at present no better subfamily placement is known.

- 223** *Ozarba fannia* - Barnes and McDunnough (1913a) identified material of *Ozarba* Walker from western Texas as *Ozarba fannia* (Druce), but later (Barnes and McDunnough 1913b) reidentified it as *O. aeria* (also as *O. aeria* in Franclemont and Todd 1983). The holotype of *Ozarba fannia* from Mexico is a form in which the forewing ground color is reddish brown and this form occurs northward to Arizona and western Texas, whereas typical material of *O. aeria* from eastern United States (including the holotype of *Ozarba aeria* from Wisconsin) has a gray-brown forewing. Both forms occur together in many areas of western United States and we see no evidence that they are more than color forms of a single species.
- 224** **Subfamily Acontiinae** - The more restricted characterization of the Acontiinae follows Kitching and Rawlins (1998) and Fibiger and Lafontaine (2005).
- 225** *Ponometia* **Herrich-Schäffer** - Generic treatment, generic combinations, and synonymy of *Tarachidia* Hampson, *Fruva* Grote, and *Conochares* Smith with *Ponometia* follow Lafontaine and Poole (2010).
- 226** *Ponometia fumata* - Revised status by Lafontaine and Poole (2010).
- 227** *Ponometia catalina* - Synonymy (as *Conochares catalina*) by Mustelin (2006).
- 228** *Ponometia elegantula* - Synonymy by Lafontaine and Poole (2010).
- 229** *Tarache* **Hübner** - Generic treatment, generic combinations, and synonymy of *Hemispragueia* Barnes & Benjamin and *Therasea* Grote with *Tarache* follow Lafontaine and Poole (2010).
- 230** *Tarache alessandra* - This name is a synonym of *T. quadriplaga*, not *T. tetragona* (Lafontaine and Poole 2010).
- 231** *Tarache areli* **species complex** - This group of species was revised by Ferris and Lafontaine (2009) as the *Acontia areli* species-group. It is treated as the *Tarache areli* subgroup of the *Tarache bilimecki* species-group by Lafontaine and Poole (2010).
- 232** *Tarache flavicosta* - Synonymy from Schmidt and Anweiler (2010a).
- 233** *Tarache orba* - *Tarache orba* (Smith), **syn. n.** is the dark female form of *T. huachuca*.
- 234** *Tarache acerba* - *Fruva acerba* H. Edwards, 1881 became a secondary homonym of *Acontia acerba* Felder & Rogenhofer, 1874 when both species were moved into *Acontia*. Poole proposed the replacement name *Acontia acerboides* Poole, 1989. With the transfer of *Fruva acerba* to the genus *Tarache* Hübner the names are no longer homonyms so the name *Tarache acerba* (H. Edwards) is reinstated and *Acontia acerboides* Poole placed in synonymy with it.
- 235** *Tarache axendra* - Todd (1982) mentions that the type material of *Acontia disconnecta* is a mixed series. However, the lectotype he selected in AMNH is a specimen of *Acontia bimileki*. The name *Tarache axendra* Schaus, described from Mexico, is available for this species (Lafontaine and Poole (2010).
- 236** *Acontia* **Ochsenheimer** - Generic treatment and redefinition of the genus *Acontia* follow Lafontaine and Poole (2010).

- 237 *Acontia eudryada* - Synonymy from Lafontaine and Poole (2010).
- 238 *Acontia jaliscana* - Recently found in Texas (Knudson, pers. comm.). Voucher in TLS Collection, Houston.
- 239 **Subfamily Pantheinae** - The Pantheinae were raised to family status by Kitching and Rawlins (1998) but reinstated to subfamily status by Fibiger and Lafontaine (2005).
- 240 *Panthea* **Hübner** - Taxonomic treatment of *Panthea* follows Anweiler (2009).
- 241 *Panthea furcilla*, *P. virginarius* - Synonymy from Anweiler (2009).
- 242 *Charadra* **Walker** - Taxonomic treatment and synonymy follows Schmidt and Anweiler (2010b).
- 243 *Charadra ingenua* - The type specimen of this species, described from Colorado, is a synonym of *C. deridens*. The southwestern species described by Schmidt and Anweiler (2010b) as *C. moneta* was identified as *C. ingenua* in most collections.
- 244 **Subfamily Diphtherinae** - Subfamily and taxonomic position from Fibiger and Lafontaine (2005).
- 245 **Subfamily Dilobinae** - The subfamily Raphinae Beck, 1996 was synonymized with Dilobinae Aurivillius, 1889 by Fibiger et al. (2009). They list a series of character states shared by *Diloba* Boisduval and *Raphia* Hübner.
- 246 *Raphia abrupta* - We tentatively retain *R. abrupta* as a species distinct from *R. frater*. Despite the lack of differences in morphology and DNA barcodes, there appears to be no clinal or local variation in phenotypes between the two taxa, with *R. abrupta* occurring from New Jersey to northern Kentucky and Kansas southward, and *R. frater* to the north. More study specimens are needed from the regions where *abrupta* presumably replaces *frater*.
- 247 *Raphia frater* - We treat *Raphia coloradensis* as a synonym of *R. frater* because specimens from ecological transition zones in southern Alberta, southern British Columbia and the edges of the Great Basin are extremely variable, ranging in phenotype from the pale, dusty *coloradensis* form to the grey boreal *frater* form, congruent with the lack of detectable differences in male and female genitalic structure between these forms. DNA barcode data supports this concept of a single phenotypically variable species.
- 248 *Raphia pallula*, *R. elbea* - The situation in *Raphia* is complex in the West, where *R. pallula* (TL: Siskiyou Co., California) and *R. elbea* (TL: Deming, New Mexico) appear to intergrade imperceptibly with the pale form of *frater* occurring in the Great Basin and Rocky Mountain region, despite relatively large DNA barcode divergences between all three taxa. Clearly more research is needed on the status of these taxa.
- 249 *Raphia cinderella*, *R. piazzzi* - In contrast to the other *Raphia* species, examination of the type specimens, lack of evidence for geographic clinal variation, and subtle genitalic structural differences, suggest that *R. cinderella* (TL: Los Angeles Co. California) and *R. piazzzi* (TL: Brownsville, Texas) are species distinct from *R. frater*.

- 250 **Subfamily Balsinae** - Taxonomic position discussed by Lafontaine and Fibiger (2006).
- 251 *Acronicta dactylina*, *A. grisea* - Synonymy from Schmidt and Anweiler (2010a).
- 252 *Acronicta cyanescens* - Treated as a valid species following Schmidt and Anweiler (2010a).
- 253 *Acronicta vulpina* - Treated as a valid species by Kononenko et al. (1989) and Mikkola et al. (1991). It occurs in North America and eastern Asia and its range overlaps that of *Acronicta leporina* (Linnaeus, 1758) in southern Siberia. Recent molecular data from the Barcode of Life Project support this conclusion.
- 254 *Acronicta falcula* - *Acronicta falcula* (Grote, 1877), *A. parallela* (Grote, 1879), **syn. n.**, and *A. mansueta* Smith, 1897, **syn. n.**, do not differ in genitalia or COI *mtDNA* data and are synonymized here. Specimens from the Pacific Northwest (**syn. A. mansueta**) tend to have more black shading on the lower margin of the forewing than those from elsewhere. *Acronicta falcula* was characterized by having the thoracic vestiture mainly of hair-like scales, but the amount of hair-like versus broad scales varies with locality. Recent molecular data from the Barcode of Life Project supports this conclusion.
- 255 *Acronicta furcifera*, *A. pruni*, *A. subochrea*, *A. caesarea* - These four taxa were inadvertently listed as valid species by Franclemont and Todd (1983) after being synonymized in Forbes (1954). The synonymy of the first three was corrected by Rings et al. (1992).
- 256 *Acronicta increta* - The taxonomy of this species and its relatives is in need of research involving rearings, host plant associations, and larval characters. Also, the location and identity of some type specimens are uncertain. The sequence of species in this complex (*A. albarufa* to *A. retardata*) follows that of Forbes (1954).
- 257 *Acronicta impressa* - The range of variation of this species is believed to include the taxa described as *A. distans* **syn. n.** and *A. acla*, **syn. n.** and are synonymized due to the lack of any diagnosable differences.
- 258 *Acronicta arioch* - *Acronicta arioch* Strecker, **syn. n.**, is a large southern form of *Acronicta oblinita*.
- 259 *Merolonche* Grote - The genus *Merolonche* is a polyphyletic group of species in the *Acronicta impressa* group characterized by hairy body vestiture with hair-like scales partly obscuring the eyes. The habitus is associated with adults occurring in cold conditions due to season or occurrence in Arctic and Alpine habitats, so we synonymize *Merolonche*, **syn. n.** with *Acronicta*. Generic combinations are *Acronicta lupini* **comb. rev.**, *A. australis*, **comb. n.**, *A. dolli*, **comb. n.**, and *A. spinea*, **comb. n.**
- 260 *Acronicta lupini* - *Acronicta atlinensis*, **syn. n.**, **comb. n.** is a form of *Acronicta lupini* **comb. rev.** *Acronicta ursina*, **comb. n.** was synonymized with *A. lupini* by Schmidt and Anweiler (2010a).
- 261 *Simyra henrici* - Synonymy by Becker (2002).

- 262 ***Comachara* Franclemont** - The genus *Comachara* was transferred to the Acronictinae by Wagner et al. (2006).
- 263 ***Cerma* Hübner** - The genus *Cerma* was transferred to the Acronictinae by Wagner et al. (2006) and discussed further by Wagner (2007a, 2007b).
- 264 **Subfamily Metoponiinae** - This subfamily was resurrected by Fibiger and Lafontaine (2005) for Eurasian species formerly associated with the Acontiinae and the Stiriinae.
- 265 ***Tyta luctuosa*** - This Eurasian species was released in North America as early as 1993 (Cao et al. 2003) as a biological control agent for field bindweed *Convolvus arvensis* L. Collection records from Utah in 2007 by James Vargo suggest it has become established. Voucher in CNC.
- 266 **Subfamily Cuculliinae** - The subfamily Cuculliinae of North American was redefined and revised by Poole (1995).
- 267 ***Cucullia obscurior*** - This taxon had been treated as a western subspecies of *C. florea* because western specimens generally lack the reddish-gray shading along the forewing costa. Poole (1995) treated *C. obscurior* as a valid species because specimens matching the *C. florea* and *C. obscurior* phenotypes were found to occur together in areas of Washington and Utah. In spite of these phenotypes occurring together in these two areas, the variability of this character in other areas of the west make it very difficult to assign many specimens to one name or the other, so specimens with an entirely gray forewing are treated as a form of *C. florea* (= *C. obscurior*, **syn. n.**).
- 268 ***Cucullia* synonymy** - Synonymy of *Cucullia arizona*, *C. luteodisca*, *C. jemezensis*, *C. brucei*, *C. ketchikana*, and *C. albicinerea* are from Poole (1995).
- 269 ***Cucullia umbratica*** - This Eurasian species was found to be abundant on Île de la Madeleine in eastern Quebec (Handfield and Handfield 2010). Vouchers are in the CNC and the collection of L. Handfield, Mont-St.-Hilaire, Quebec.
- 270 ***Cucullia dorsalis*** - Treated as a valid species by Poole (1989, 1995).
- 271 ***Cucullia eccissica*** - Recorded from Arizona and California by Poole (1995).
- 272 ***Copicucullia* Smith** - The genus *Copicucullia* was synonymized with *Cucullia* Schrank by Poole (1989) resulting in eight new and two revised combinations.
- 273 ***Nycterophaeta* Smith** - The genus *Nycterophaeta* was synonymized with *Cucullia* Schrank by Poole (1995) as a new combination.
- 274 ***Rancora* Smith** - The genus *Rancora* was synonymized with *Cucullia* Schrank by Poole (1989) resulting in eight new or revised combinations.
- 275 ***Cucullia solidaginis*** - Synonymy from Poole (1989).
- 276 ***Lathosea* Grote** - The genus *Lathosea* was synonymized with *Cucullia* Schrank by Poole (1989) resulting in three new combinations.
- 277 ***Cucullia spaldingi*** - The species was originally spelled *spauldingi* and was spelled this way in Poole (1989). It was treated as an incorrect original spelling by Franclemont and Todd (1983) because the name is based on Tom Spalding, the collector of the specimens, but there is no indication in the paper that the name was misspelled. The name was synonymized with *C. pulla* by Poole (1995).

- 278 ***Dolocucullia* Poole** - The genus *Dolocucullia* was proposed by Poole (1995) resulting in two new combinations.
- 279 **Subfamily Amphipyrrinae** - The subfamily name Amphipyrrinae was used in a very broad sense by Franclemont and Todd (1983), basically following the concept of Hampson (1908) with the removal of a few groups like the Acronictinae. More recently, the subfamily was greatly restricted to a few genera by Poole (1995), Kitching and Rawlins (1998), and many others. On the basis of variability in larval and genital characters, the subfamily Psaphidinae was combined with the Amphipyrrinae as a tribe and the various tribes of the Psaphidinae diagnosed in Poole (1995) were reduced to subtribes of the Psaphidini by Wagner et al. (2008).
- 280 **Tribe Psaphidini** - This tribe was treated as the subfamily Psaphidinae with four tribes by Poole (1995) and the tribe Psaphidini was revised. The subfamily and tribes were reclassified as a tribe and four subtribes of the subfamily Amphipyrrinae by Wagner et al. (2008).
- 281 ***Psaphida* Walker** - Generic combinations from Poole (1989) through the synonymy of *Copipanolis* Grote, and *Eutolype* Grote with *Psaphida*.
- 282 **Subtribe Feraliina** - Characterized and revised in part by Poole (1995) with status revised and composition expanded by Wagner et al. (2008).
- 283 ***Miracavira*, *Paratrachea*, *Apsaphida*, *Viridemas*** - Classification revised in Wagner et al. (2008).
- 284 **Subtribe Nocloina** - Described by Poole (1995) with status revised in Wagner et al. (2008).
- 285 ***Paramiana* Barnes & Benjamin, *Eumiana* Barnes & Benjamin** - These two genera require major revision.
- 286 ***Eumiana exculta*** - *Eumiana exculta*, **comb. n., syn. n.**, is a synonym of *Eumiana endopolia*.
- 287 **Subtribe Triocnemidina** - Described by Poole (1995) with status revised in Wagner et al. (2008).
- 288 ***Unciella* Troubridge** - Troubridge (2008) proposed the genus *Unciella* for two species formerly placed in *Oncocnemis* Lederer and transferred them from the Oncocnemidinae to the Psaphidinae, tribe Triocnemidini, herein treated as a subtribe of the Amphipyrrinae: Psaphidini following Wagner et al. (2008).
- 289 ***Aleptina* Dyar** - The genus *Aleptina* was revised by Todd et al. (1984) in the Acontiinae. We transfer it and *Copibryophila* Smith, *Metaponpneumata* Möschler, and *Airamia* Barnes & Benjamin to the Triocnemidina.
- 290 ***Aleptina aleptivoides*, *A. semiatra*** - Generic combinations by Todd et al. (1984).
- 291 ***Aleptina clinopetes*** - First reported in United States by Todd et al. (1984).
- 292 ***Cropia ruthaea*** - Reported from Texas by Knudson and Bordelon (2004).
- 293 **Tribe Stiriini** - This tribe was revised as a subfamily by Poole (1995), but did not include the subtribe *Annaphilina*, which was later proposed by Mustelin (2006).
- 294 **Subtribe Stiriina** - Adapted from revision by Poole (1995).

- 295 ***Plagiomimicus* Grote** - Generic combinations through synonymy with ***Stibadium*** Grote, and ***Polenta*** Morrison with *Plagiomimicus* by Poole (1995).
- 296 ***Plagiomimicus mavina*** - Synonymy from Poole (1995).
- 297 ***Plagiomimicus navia*** - This species, declined to *navium* in Franclemont and Todd (1983), does not belong in the genus *Plagiomimicus*, nor in the Stiriini. Accordingly, it was omitted from Poole (1995), but is reinstated here until it is classified elsewhere in the family.
- 298 ***Cuahtemoca unicum*** - Generic combination from Poole (1995).
- 299 ***Lineostriataria* Poole, *Hoplolythroides* Poole** - Genera and generic combinations from Poole (1995).
- 300 ***Chrysoecia atrolinea*** - Revised status from Poole (1995).
- 301 ***Chrysoecia thoracica*** - Generic combination from Poole (1995).
- 302 ***Cirrhophanus pretiosa*** - Revised species status by Poole (1989) and (1995).
- 303 ***Eulithosia* H. Edwards** - Generic combinations from Poole (1995).
- 304 ***Angulostiria chryseochilus*** - Reported from United States with genus and generic combination from Poole (1995).
- 305 ***Stiria intermixta*** - Revised status and report from United States from Poole (1995).
- 306 **Subtribe Grotellina** - Described by Poole (1995) with status revised in Wagner et al. (2008).
- 307 **Subtribe Azeniina** - Described by Poole (1995) with status revised in Wagner et al. (2008).
- 308 ***Argentostiria* Poole** - Genus and generic combination from Poole (1995).
- 309 **Subfamily Oncocnemidinae** - The Oncocnemidini Franclemont & Forbes, 1954 was treated as the subfamily Oncocnemidinae by Poole (1995) and redescribed by Troubridge (2008). There is an older name for the subfamily, namely Cleophaninae Heinemann, 1859 based on the genus *Cleophana* Boisduval, Rambur & Graslin, a junior objective synonym of *Calophasia* Stephens. The name has not been used as a family-group name since the mid-1800's, so we treat it as a *nomen oblitum*. The family-group name Stilbiidae Guenée, 1852 is based on the genus *Stilbia* Stephens. *Stilbia* and its close relatives were associated with the Oncocnemidini [as a tribe of the Cuculliinae] by Ronkay et al. (2001) on the basis of similarities in the genitalia such as the ventral clasper and the cornuti-covered vesica. These characters, however, are shared by the Oncocnemidinae, Amphipyridae, and the Old World subfamily Metoponiinae. Beck (1996, 1999-2000) includes the *Stilbia* group of genera in the subtribe Stilbiina in the tribe Stiriini sensu Beck [not Grote] on the basis of larval characters. This Old World group of genera is now in the Metoponiinae, the Stiriina being restricted to the New World and included in the Amphipyridae. We retain the current usage of the name Oncocnemidinae until the phylogenetic relationships of the Oncocnemidinae, Amphipyridae, and Metoponiinae are better understood. The subfamily name Stilbiinae would have priority over the Oncocnemidinae and the Metoponiinae.

- 310 ***Catabenoides* Poole** - Genus and generic combinations by Poole (in Becker and Miller 2002).
- 311 ***Neogalea esula*** - Combination and synonymy of *N. sunia* from Poole (1989). The species name *sunia* was associated with *Spodoptera* Guenée in Franclemont and Todd (1983).
- 312 ***Pleromelloida conserta*** - This species occurs as two colour forms, a predominantly grey form and a form with the medial area largely suffused with black. Genitalic structure and DNA barcode sequences of these forms are not distinguishable. Examination of the type specimen of *P. obliquata* [USNM] shows that this name is attributable to the paler form, and *P. obliquata*, **syn. nov.** is a junior synonym.
- 313 ***Copanarta nigerrima*** - Synonymy from Troubridge (2008).
- 314 ***Copanarta sexpunctata*** - Generic combination from Troubridge (2008).
- 315 ***Oncocnemis* Lederer** - The genus ***Oncocnemis*** was synonymized with *Sympistis* Hübner by Troubridge 2008. New combinations are from Troubridge (2008) unless otherwise indicated.
- 316 ***Lepipolys* Guenée** - Generic synonymy of ***Lepipolys*** with *Sympistis* and new combinations from Troubridge (2008).
- 317 ***Sympistis mus*, *S. retroversa*, *S. phairi*, *S. simplicia*** - Synonymy from Troubridge (2008).
- 318 ***Sympistis subsimplex*** - Generic transfer from *Oxycnemis* Dyar from Troubridge (2008).
- 319 ***Hemistilbia* Barnes & Benjamin** - Generic synonymy of ***Hemistilbia*** with *Sympistis* and new combinations from Troubridge (2008).
- 320 ***Homohadena* Grote** - Generic synonymy of ***Homohadena*** with *Sympistis* and new combinations from Troubridge (2008).
- 321 ***Homohadena* species** - Revised species status and new combinations with *Sympistis* by Troubridge (2008).
- 322 ***Sympistis poliochroa*, *S. chandleri*** - Revised species status and synonymy of *S. colorado* discussed by Troubridge (2008).
- 323 ***Sympistis aqualis*** - Revised species status and synonymy of *S. sala* by Troubridge (2008).
- 324 ***Sympistis major*** - Revised species status by Troubridge and Crabo (1999).
- 325 ***Sympistis riparia deserticola*** - This taxon was raised to species status by Troubridge (2008), mainly on the basis of significant (3.5%) differences in the barcodes (COI mitochondrial DNA sequences) of *deserticola* as compared with other taxa in the *riparia* group. This conclusion, however, was based on a population in the Owens Valley. Populations in southwestern California near the type locality of *deserticola* have the same barcodes as those of *S. major* from Mono Lake, California and elsewhere in the Great Basin, so *deserticola* is relegated to the synonymy of *S. major*, **syn. rev.** It will require more research to determine if the Owens Valley population is a separate species or a genetically divergent population of *S. major*.

- 326 *Homoncocnemis* Barnes & Benjamin - Generic synonymy of *Homoncocnemis* with *Sympistis* and new combination by Troubridge (2008).
- 327 *Sympistis picina* - Revised species status by Poole (1989). Generic combination by Troubridge (2008).
- 328 *Adita Grote* - Generic synonymy of *Adita* and *Sympistis* and new combination by Troubridge (2008).
- 329 *Apharetra Grote*- Generic synonymy of *Apharetra* with *Sympistis* and new combinations by Troubridge (2008).
- 330 *Apharetra dentata* - Synonymy of *A. pyralis* and *A. purpurea* with *A. dentata* by Poole (1989).
- 331 *Sympistis extremis* - Revised species status from Troubridge and Crabo (1999). Generic combination from Troubridge (2008).
- 332 *Sympistis definita* - Revised species status from Troubridge (2008).
- 333 *Sympistis melaleuca* - Synonymy from Mikkola and Jalas (1979).
- 334 *Sympistis zetterstedtii* - The Arctic and Subarctic species *Sympistis zetterstedtii* was treated as a northern subspecies of *Sympistis nigrita*, which occurs in central Europe by Ronkay and Ronkay (1995). *Sympistis nigrita zetterstedtii* occurs across northern Eurasia and into northwestern North America.
- 335 *Sympistis zetterstedtii kolthoffi* - Troubridge 2008 followed Franclemont and Todd 1983 in treating the taxon *S. labradoris* (Staudinger, 1901) as a subspecies, but under the species *S. nigrita* instead of *S. zetterstedtii*. He then treated *S. kolthoffi* (Aurivillius, 1890) and *S. besla* (Skinner and Mengel, 1891) as new synonyms of subspecies *zetterstedtii*. For those wishing to recognize subspecies, *zetterstedtii* is primarily an Old World taxon with an entirely dark hindwing. It occurs in North America in Alaska and Yukon, but intergrades with the North American form, which has the basal two-thirds of the hind wing pale, in southern Yukon. At the subspecific level, *kolthoffi* is the oldest available name for the North American form, so *labradoris* and *besla* should be synonymized under *Sympistis nigrita kolthoffi*.
- 336 *Sympistis besla*, *S. labradoris* - These taxa are synonyms of *S. zetterstedtii* at the species level and synonyms of *S. kolthoffi* at the subspecies level.
- 337 *Sympistis pallidior* - Revised species status from Troubridge (2008).
- 338 *Euscirrhopterus poeyi* - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.
- 339 *Psychomorpha epimenis euryrhoda* - Florida populations of *Psychomorpha epimenis*, formerly known as *P. euryrhoda*, **syn. n.**, have more extensive coppery-brown shading in the hindwing than those from farther north, however the two forms grade together where their ranges meet, so it is treated as *Psychomorpha epimenis euryrhoda*, **stat. n.**
- 340 *Alypia dipsaci* - The name *Alypia dipsaci*, **syn. n.** represents a female specimen of *Alypia octomaculata*, nominally from California, but likely mislabelled. *Alypia langtoni* is the expected species in the Sierra Nevada, but the holotype

- of *Alypia dipsaci* in AMNH has two white spots on the hindwing, whereas the female of *A. langtoni* has a single white spot.
- 341 ***Alypia octomaculata matuta*** - The taxon *matuta* is revised to the status of a subspecies of *Alypia octomaculata* by Powell and Opler (2009). It intergrades with the typical eastern form of *A. octomaculata* where their ranges meet in the eastern Great Plains.
- 342 ***Alypia brannani*** - The name *Alypia brannani*, **comb. rev.**, **syn. n.** represents a male of *Alypia langtoni*, a boreal zone species that extends southward in the Sierra Nevada. Stretch, in describing the species, associated it with *Androloma maccullochii* (as its synonyms *A. lorquini* (Grote & Robinson) and *A. similis* (Stretch)) because of the semitranslucent area posterior to the inflated costa. Examination of the holotype in AMNH shows that the holotype only has a slight swelling, similar to that in *A. langtoni*, and the clear area posterior to the costa is rubbed.
- 343 **Subfamily Condicinae** - Classification follows Poole (1995). Beck (1996, 1999–2000) has used the family group name Placodina Guenée, 1852 for the genus *Eucarta* Lederer, which is closely related to *Leuconycta* Hampson, the type species of Leuconyctini Poole, 1995. However, the genus *Placodes* Boisduval, 1840 is a junior homonym of *Placodes* Erichson, 1834 in the Coleoptera, and a family group name based on a junior homonym is unavailable.
- 344 ***Perigea enixa*** - This species, which occurs in the Hill Country of west-central Texas, is treated as a full species because it differs in genital characters, COI mtDNA, and is paler than *Perigea xanthioides* from farther east.
- 345 ***Perigea berinda*** - Recorded in Texas (Knudson and Bordelon 2004) and in southeast Arizona by Bruce Walsh.
- 346 ***Condica* Walker** - Generic synonymy of *Platysenta* Grote with *Condica* by Poole (1989) resulted in 14 new combinations for species listed under *Platysenta* in the Franclemont and Todd (1983) check list.
- 347 ***Condica claufacta*** - The holotype of *Xylina claufacta*, **syn. n.**, in the BMNH from East Florida is a specimen of the species also known as *Condica cervina*.
- 348 ***Condica punctifera*** - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.
- 349 ***Condica vacillans*** - Reported from Texas by (Knudson and Bordelon 2004).
- 350 ***Condica parista*** - Reported from Texas (Knudson and Bordelon 2004) as *Condica pyromphalus* (Dyar), but after comparison with the holotypes of *C. pyromphalus* and *C. parista* (Schaus) in USNM the specimens were reidentified as the latter species.
- 351 ***Condica hypocritica*** - A female in USNM from Laguna Atascosa, Texas was reported as *Condica hypocritica* (Dyar) by Franclemont and Todd (1983) and as *Condica subornata* (Walker) by Knudson and Bordelon (2004). The specimen has been reidentified as an undescribed species after examination of the holotypes of *C. hypocritica* in USNM and *C. subornata* in the BMNH.

- 352 ***Draudtia* Barnes & Benjamin** - Generic synonymy of ***Draudtia*** with *Condica* by Poole (1996).resulted in nine new combinations for species listed under *Draudtia* in the Franclemont and Todd (1983) check list.
- 353 ***Condica funeralis*** - Synonymy by Mustelin (2006).
- 354 ***Ogdoconta lilacina*** - The species that occurs in southern Arizona that previously has been identified as *Ogdoconta lilacina* is now known to be misidentified after examination of the type material in the BMNH.
- 355 ***Fotella notalis*** - Comparison of the types of species of *Fotella* in USNM shows that all four names are referable to *Fotella notalis* [Contributed by Michael Pogue]. *Fotella olivia* and *F. olivoides* were previously synonymized with *F. fragosa* by Mustelin (2006).
- 356 **Subfamily Heliothinae** - Classification based on Hardwick (1996).
- 357 ***Microhelias angelica*** - Synonymy from Hardwick (1996), but this may be a complex of species, so further research needed (Sears and Pogue pers. comm.).
- 358 ***Heliothodes diminutiva*** - Synonymy from Hardwick (1996), but this is a complex of many species; further research is in progress (Sears and Pogue pers. comm.).
- 359 ***Pyrrhia cilisca*** - Synonymy by Pogue et al. (2010).
- 360 ***Pyrrhia aurantiago*** - Generic combination from Pogue (2008).
- 361 ***Psectrotarsia suavis*** - Generic combination from Pogue (2007).
- 362 ***Heliothis stombleri*** - Synonymy from Hardwick (1996).
- 363 ***Heliothis acesias*** - Revised status by Hardwick (1994).
- 364 ***Heliocheilus lupatus*** - Revised status by Hardwick (1996).
- 365 ***Protoschinia* Hardwick** - The genus ***Protoschinia*** was synonymized with *Schinia* Hübner by Matthews (1991).
- 366 ***Schinia nuchalis*** - *Schinia nuchalis* was treated as a separate species from the Eurasian species *Schinia scutosa* by Hardwick (1996).
- 367 ***Thyreion* Smith** - The genus *Thyreion* was synonymized with *Schinia* Hübner by Hardwick (1970). It was reinstated as a genus in Franclemont and Todd (1983) but re-synonymized by Poole (1989) and Hardwick (1996).
- 368 ***Schinia rosea*, *S. stena*** - Synonymy from Hardwick (1996).
- 369 ***Schinia aetheria*** - Revised status by Hardwick (1996).
- 370 ***Schinia crotchii*** - Status revised in a revision of the *Schinia cupes* group by Pogue and Harp (2003b).
- 371 ***Schinia deserticola*** - Status revised by Hardwick (1996).
- 372 ***Schinia mexicana*** - Recorded in Copper Canyon, Huachuca Mountains, Cochise Co., Arizona in 2009 by Ken Osborne. Vouchers in Osborne Collection and USNM.
- 373 ***Schinia gracilenta*, *S. oleagina*** - Synonymies by Hardwick (1996).
- 374 ***Schinia sexata*, *S. intermontana*, *S. graefiana*** - Revised status by Hardwick (1996).
- 375 ***Schinia parmeliana*, *S. sordidus*, *S. nubila*, *S. diffusa*, *S. obscurata*, *S. edwardsii*** - Synonymies from Hardwick (1996).

- 376 *Schinia arizonensis* - Name proposed by Hardwick 1996 is a *nomen nudum*, so the species was redescribed by Pogue (2006) as *Schinia angulilinea*.
- 377 *Schinia siren*, *S. arcigera*, *S. miniana*, *S. masoni*, *S. sanguinea* - Synonymies from Hardwick (1996).
- 378 *Schinia acutilinea* - Synonymy from Hardwick (1996), but recent research by Pogue (pers. comm.) indicates several species are included under this name.
- 379 *Schinia walsinghami* - Synonymy from Hardwick (1996).
- 380 *Schinia tertia* - Revised synonymy from Pogue and Harp (2004).
- 381 *Schinia albafascia*, *S. brunnea* - Revised status by Pogue and Harp (2004).
- 382 *Schinia erosa* - Revised status by Hardwick (1996) and discussed by Pogue and Harp (2004).
- 383 *Schinia coercita* - Revised status by Hardwick (1996).
- 384 *Schinia unimacula* - Revised status and revised synonymy by Pogue and Harp (2003a).
- 385 *Schinia blanca* - Name proposed by Hardwick 1996 is a *nomen nudum*, so the species was redescribed by Pogue (2006).
- 386 *Schinia chrysellus* - Synonymy by Hardwick (1996).
- 387 *Schinia alencis* - Revised status from Pogue and Harp (2005).
- 388 *Schinia tenuescens* - Synonymy by Hardwick (1996).
- 389 *Heliolonche pictipennis* - Synonymy by Hardwick (1996).
- 390 *Heliolonche joaquinensis* - The name is based on a description of the larva by Hardwick (1996). The adult was formally described by Pogue (2006).
- 391 **Subfamily Eriopinae** - Classification follows Kitching and Rawlins [1998] and Fibiger and Lafontaine (2005).
- 392 *Callopietria jamaicensis* - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.
- 393 **Subfamily Bryophilinae** - Classification follows Kitching and Rawlins [1998] and Fibiger and Lafontaine (2005). The relationship between Old World and New World Bryophilinae is uncertain (see below).
- 394 ***Cryphia* Hübner** - Genitalic structure and wing pattern of the North American species previously included in *Cryphia* show that they are not congeneric with true *Cryphia* of the Palearctic; all generic synonyms of *Cryphia* also apply to Palearctic species; the European members of this group were recently revised by Fibiger et al. (2009). As such, no generic name is currently available for the Nearctic bryophilines, and they are in need of revision. One species previously placed in *Cryphia* is here transferred to the Elaphriini as “*Elaphria*” *cyanympa* (see note 412). “*Cryphia*” *viridata* was transferred to the genus *Bryolymnia* by Lafontaine, Ferris, and Walsh (2010).
- 395 “*Cryphia*” *galva* - Synonymy by Adams and McCabe (1990).
- 396 “*Cryphia*” *fulvisparsa* - This name was inadvertently omitted from Franclemont and Todd (1983). When Hampson (1914) described *Bryophila fulvisparsa* **syn. nov.**, he was unaware that this species had already been described by

- Barnes and McDunnough (1911) as *Cerma flavidior*; the types of both taxa were examined.
- 397 ***Cryphia pallidioides*** - This is a replacement name for *C. pallida*, a secondary homonym (Poole 1989).
- 398 **Subfamily Noctuinae** - We follow the inclusive definition of the Noctuinae from Beck (1960) and Poole (1995). Fibiger and Lafontaine (2005) and Lafontaine and Fibiger (2006) arranged this group into three subfamilies, Xyleninae, Hadeninae, and Noctuinae s.s. Molecular data suggests that the Xyleninae is a paraphyletic group with at least four smaller generic clades segregating as sister groups to the Xyleninae + Hadeninae + Noctuinae, so we feel a more inclusive definition to this economically important group is better than creating numerous small subfamilies. The tribal and subtribal classification is adapted from Fibiger and Lafontaine (2005). The subfamilies Xyleninae, Hadeninae, and Noctuinae s.s. are treated as tribes of the Noctuinae s.l.
- 399 ***Pseudeustrotia carneola*** - Moved to the Noctuinae following Beck (1996) on the basis of numerous characters of the genitalia (position of the clasper) and larva (dorsally grooved spinneret and hair-like SD1 on A9). The generic combination is from Poole (1989).
- 400 ***Pseudeustrotia indeterminata*** - *Pseudeustrotia indeterminata*, **comb. n.**, is moved to *Pseudeustrotia* on similarities of the male genitalia with those of *P. carneola*.
- 401 ***Anterastria teratophora*** - Transferred to the tribe Pseudeustrotiini on the basis of male genital characters.
- 402 **Tribe Phosphilini** - This tribe was proposed by Poole (1995) in the Amphipyrrinae because of the very simple male valves in the genitalia. The larvae, however, have a dorsally grooved spinneret and a hair-like SD-1 seta on A9, clearly indicating an association with the Noctuinae.
- 403 ***Phosphila fernae*** - The species *Phosphila fernae*, **comb. n.** is misplaced in *Speocropia* Hampson. It is either a species related to *Phosphila miselioides* or a geographical form of it from Texas.
- 404 ***Phuphena tura*** - *Phuphena obliqua*, **syn. n.**, is a synonym of *P. tura*.
- 405 **Tribe Prodeniini** - Tribal classification adapted from Fibiger and Lafontaine (2005).
- 406 ***Spodoptera hipparis*** - This is a highly enigmatic member of the genus *Spodoptera* Guenée, however, the male genitalia and *mtDNA* both indicate a placement within *Spodoptera* (Pogue 2010).
- 407 ***Spodoptera androgea*** - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.
- 408 **Tribe Elaphriini** - Classification adapted from Fibiger and Lafontaine (2005).
- 409 ***Elaphria devara*** - Reported from Texas by Knudson and Bordelon (2004). Voucher specimens are in the TLS Collection, Houston, Texas.
- 410 ***Elaphria deltoides*** - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.

- 411 *Elaphria subobliqua* - Listed from Texas by Knudson and Bordelon (2004). Record based on a record from A. Blanchard.
- 412 “*Elaphria*” *cyanympa* - “*Elaphria*” *cyanympa*, **comb. n.** belongs in the *Elaphria* Hübner generic complex (Noctuidae: Elaphriini) rather than in *Cryphia* Hübner (Bryophilinae). Typical *Elaphria* have a forked clasper whereas that of “*E.*” *cyanympa* has a simple clasper, so its placement in *Elaphria* is provisional. The closely-related Puerto Rican species “*Elaphria*” *jucundella* (Dyar, 1922) **comb. n.** is here also transferred from *Cryphia*, where it was placed by Ferguson (1988).
- 413 *Bryolymnia ensina*, *B. viridata* - Generic combinations from Lafontaine, Walsh, and Holland (2010)
- 414 **Tribe Caradrinini** - Classification follows Fibiger and Lafontaine (2005).
- 415 *Caradrina* spp. - Generic combinations through synonymy with *Platyperigea* Smith by Poole (1989). Genus revised by Hacker (2004).
- 416 *Caradrina beta* - Genital structure and *mtDNA* show that *Caradrina beta*, **stat. n.**, is a separate species from *C. camina*.
- 417 *Caradrina montana* - Synonymy *C. extima* with *C. montana* by Kononenko et al. (1989).
- 418 *Caradrina distinctoides* - This is a replacement name for *Athetis distincta* Barnes a secondary homonym of *Caradrina distincta* Staudinger.
- 419 *Caradrina clavipalpis* - This is a European species that was first found in North America in Queens in New York City in 1993. In 2009 it was found in Rochester, New York by Jay Greenberg, so it appears to be established and spreading. It has two broods in Queens. [Contributed by Eric L. Quinter].
- 420 **Subtribe Athetiina** - This tribe was proposed by Fibiger and Lafontaine (2005). We have modified the name of the tribe from Athetina to Athetiina by dropping only the “s” from the generic name *Athetis* Hübner [1821] in order to avoid homonymy with Athetina in the Coleoptera: Staphylinidae, based on *Atheta* Thompson, 1858.
- 421 *Proxenus* **Herrich-Schäffer** - The genus *Proxenus*, **stat. rev.**, was included within *Athetis* by Poole (1989) following European usage, most recently by Fibiger and Hacker (2007). The character on which the tribal name Athetiina is based, the complete loss of the uncus, is also taken to be the generic character in European works, similar to the thinking discussed for *Acontia* by Lafontaine and Poole (2010). The characters that separate *Athetis* and *Proxenus* are in Kononenko et al. (1989).
- 422 *Athetis tarda* - *Athetis tarda*, **comb. n.** is a typical member of the genus *Athetis* and is the only North American species in this very large Old World genus.
- 423 “*Anorthodes*” *triquetra*, “*A.*” *indigena* - These two species are congeneric, but do not belong in *Athetis*, nor in *Anorthodes*, or even in the Athetiina because they have a fully developed spine-like uncus. We leave them here until a better tribal position is found and a better generic name is available.
- 424 **Tribe Dypterygiini** - Tribal classification from Fibiger and Lafontaine (2005).

- 425 *Dypterygia ligata* - Reported from Florida by McCabe (2003).
- 426 *Dypterygia ordinarius* - Reported from Texas by Knudson and Bordelon (2004). Voucher specimens are in the TLS Collection, Houston, Texas.
- 427 *Dypterygia punctirena* - Reported from Florida by Dickel (1991); voucher illustrated from the Dickel Collection, Anthony, Florida.
- 428 *Acroria terens* - Reported from Texas by Bordelon and Knudson (2000). Voucher specimens are in the TLS Collection, Houston, Texas.
- 429 *Neophaenis boucheri* - Reported from Texas (as *N. respondens*) by Blanchard (1973). Specimens from Texas are referable to *Neophaenis boucheri*, described in 2004 by Barbut and Lalanne-Cassou (2004).
- 430 *Magusa* Walker - Species of *Magusa* based on Lafontaine et al. (2009).
- 431 **Tribe Actinotiini** - Classification by Beck (1996); classification discussed by Fibiger and Lafontaine (2005).
- 432 *Iodopepla Franclemont* - This genus is closely related, if not congeneric, with *Nedra* Clarke and like most Actinotiini the larva feeds on *Hypericum* Linnaeus.
- 433 **Tribe Phlogophorini** - Classification follows Fibiger and Lafontaine (2005). Members of the tribe Phlogophorini consistently associate with the tribes of the former subfamily Hadeninae on the basis of *mtDNA* and nuclear DNA (Zahiri et al. 2010).
- 434 *Euplexia brillians* - *Euplexia brillians*, **syn. n.**, is a synonym of *E. triplaga*, which is widely distributed from Arizona to northern South America. Specimens from this range have the same genitalia and barcodes, but differ from populations regarded as *E. triplaga* in the Caribbean.
- 435 **Tribe Apameini** - Classification of *Apamea* and related genera follows Mikkola et al. (2009).
- 436 *Apamea cariosa* - Synonymy from Mikkola et al. (2009).
- 437 *Apamea vultuosa multicolor* - New status and subspecific classification from Mikkola et al. (2009).
- 438 *Apamea unanimis* - European introduction into northeastern North America and rapidly spreading (Mikkola et al. 2009).
- 439 *Apamea remissa*, *A. rubrirena* - These mainly Eurasian species were first reported in North America (Alaska) by Kononenko et al. (1989).
- 440 *Apamea indocilis*, *A. atosuffusa*, *A. amputatrix* - Synonymy from Mikkola et al. (2009).
- 441 *Apamea sordens* - The Eurasian species *Apamea sordens* is treated as a Holarctic species with *finitima* as one of two North American subspecies (Mikkola et al. 2009).
- 442 *Apamea inordinata*, *A. commoda*, *A. burgessi*, *A. relicina*, *A. scoparia*, *A. inficita*, *A. zeta*, *A. niveivenosa* - Subspecific classification from Mikkola et al. (2009).
- 443 *Apamea atriclava* - New status from Mikkola et al. (2009).
- 444 *Apamea* Ochsenheimer: **generic synonymy** - Combinations from Poole (1989) from the synonymy of *Agroperina* Hampson, *Crymodes* Guenée, *Protagrotis* Hampson, and *Trichoplexia* Hampson with *Apamea* Ochsenheimer.

- 445 *Apamea sora*, *A. alticola* - Revised status from Mikkola et al. (2009).
- 446 *Apamea lateritia* - This is a Eurasian species formerly confused with *A. scoparia*.
- 447 *Apamea cogitata* - Revised status from Mikkola et al. (2009) after being inadvertently listed as a species in Franclemont and Todd (1983).
- 448 *Apamea exornata* - Synonymy from Poole (1989).
- 449 *Apamea n. obscuroides* - Replacement name from Poole (1989).
- 450 *Apamea lintneri* - Generic combination from Mikkola et al. (2009) from the synonymy of *Ommatostola* Grote with *Apamea*.
- 451 *Apamea pallifera* - The species *Apamea pallifera*, **comb. n.** was originally described in *Polia* Ochsenheimer, but listed in *Andropolia* Grote by Franclemont and Todd (1983) and Poole (1989). The holotype is a species of *Apamea* purportedly from Illinois. The comment from North American workers who have seen the type is that it is probably a Eurasian species. Eurasian workers say it is not Eurasian. It is possible that it is an extremely rare species that has never been recollected, a situation somewhat similar to that of *Apamea smythi*. The problem did not emerge until after the publication of Mikkola et al. (2009). The type has not yet been dissected but the form of the anal papillae put it with the species groups with blunt, rounded anal papillae.
- 452 *Loscopia velata* - Generic combination from Quinter and Lafontaine (2009).
- 453 *Protapamea* Quinter - Genus and generic combination from Quinter (2009).
- 454 *Melanapamea* Lafontaine - Genus and generic combination from Lafontaine (2009).
- 455 *Lateroligia* Zilli, Fibiger & Ronkay - Genus and generic combination from Zilli et al. (2005). *Lateroligia ophiogramma* is a Eurasian species with at least two separate introductions into North America (Troubridge et al. 1992), now rapidly expanding in range.
- 456 *Resapamea* - The genus *Resapamea* Varga & Ronkay, 1992, was proposed for a Holarctic species complex that had been included in *Luperina* Boisduval (which occurs only in the Old World). Most of the species assigned to *Luperina* in Franclemont and Todd (1983) belong in *Resapamea*, but several will require new generic assignments. The generic combinations *Resapamea trigona*, *R. venosa*, and *R. passer* are from Zilli et al. (2005).
- 457 *Resapamea innota*, *R. enargia* - The use of the generic name *Resapamea* instead *Luperina* in North America requires two new combinations, *Resapamea innota* (Smith, 1908), **comb. n.**, *Resapamea enargia* (Barnes & Benjamin, 1926), **comb. n.**
- 458 *Resapamea passer* - The names *Resapamea virguncula*, **comb. n.**, **syn. n.** and *R. morna*, **comb. n.**, **syn. n.**, are color forms of *R. passer*.
- 459 “*Resapamea*” *stipata* - “*R.*” *stipata* (Morrison, 1875), **comb. n.** Temporary generic assignment.
- 460 *Mesapamea fractilinea* - *Mesapamea fractilinea*, **comb. n.**, is superficially almost identical to *Mesapamea secalis* (Linnaeus) and occurs in the same four color morphs. However, *M. fractilinea* and *M. arbora* (Barnes & McDunnough,

- 1912), **comb. n.** form a group in North America with a much more modified and ornate male cucullus than found in the European species of the genus.
- 461 *Mesapamea mactatoides* - *Mesapamea mactatoides*, **syn.n.** = *M. arbora*.
- 462 *Eremobina claudens* - This is a boreal zone species with asymmetrical slightly biserrate male antennae. *Eremobina hanhami* (Barnes & Benjamin), **syn. n.**, is a pale form from southwestern British Columbia, Washington, and Oregon. *Eremobina hilli* (Grote, 1876), **syn. n.** was described from the Adirondacks of New York and represents a disjunct southern population of *E. claudens* in eastern North America.
- 463 *Eremobina leucoscelis* - *Eremobina leucoscelis* (Grote, 1874), **stat. rev.**, (= *E. fibulata* (Morrison, 1874), **syn. n.**, = *E. jocasta* (Smith, 1900), **syn. n.**) generally replaces *E. claudens* south of the boreal zone, mainly in peat bogs, and differs in antennal structure and DNA barcodes. The original description of *leucoscelis* appeared sometime after March 1874 based on the introductory text of the publication with Grote's (1874) description of *leucoscelis*, whereas the issue with the description of *fibulata* is dated as July 1874. Since Grote (1875) and Hampson (1908) both treat *leucoscelis* as the senior name, and there is no evidence to the contrary, we accept *leucoscelis* as the older name. There appear to be at least two unnamed species in western North America; the genus is in need of revision.
- 464 *Oligia strigilis* - This Eurasian species was first recorded in North America at Quebec City, Quebec (Handfield 1999), subsequently expanding south to the northeastern US (Mello 2005), and now as far south as New York City and as far west as southern Ontario.
- 465 *Oligia latruncula* - This Eurasian species has become established in the New York City area.
- 466 "*Oligia* Hübner" - The genus *Oligia* is found only in the Old World. North American species assigned to *Oligia*, other than the two European introductions, need new generic placements.
- 467 "*Oligia*" *rampartensis* - Revised status from Schmidt and Anweiler (2010a). This species differs from "*O.*" *violacea* in having a reddish rather than white hindwing, a unicolorous thorax (reddish center in "*O.*" *violacea*), and numerous differences in the genitalia and DNA. They occur sympatrically in many areas of western North America, although "*O.*" *violacea* predominates on the West Coast states and "*O.*" *rampartensis* is mainly in the interior.
- 468 *Neoligia Troubridge & Lafontaine* - Genus and generic combination from Troubridge and Lafontaine (2002).
- 469 *Neoligia hausta*, *N. laevigata* - Synonymy from Troubridge and Lafontaine (2002).
- 470 *Xylomoia indirecta* - Genitalia and barcode results indicate an association with *Xylomoia* Staudinger as *X. indirecta*, **comb. n.**
- 471 *Spartiniphaga McDunnough* - *Spartiniphaga*, **syn. n.**, is a synonym of *Photedes* Lederer resulting in the new combinations *Photedes inops*, **comb. n.**, *P. carterae*, **comb. n.**, *P. includens*, **comb. n.**, and *P. panatela*, **comb. n.**

- 472 ***Photedes didonea*** - In a revision of the genus *Xylomoia* Staudinger, *X. didonea* (Smith, 1894), was moved to *Chortodes* by Mikkola (1998). With the synonymy of *Chortodes* and *Photedes*, the generic combination is *Photedes didonea*, **comb. n.**
- 473 ***Photedes*** - The genus *Hypocoena* Hampson was synonymized with ***Chortodes*** Tutt by Kononenko et al. (1989), so the North American species were transferred to *Chortodes*. More recently, *Chortodes* was synonymized with *Photedes* Lederer by Zilli et al. (2005) and *Hypocoena* reinstated as a valid genus. Four North American species that had been transferred to *Chortodes* are now moved to *Photedes* [= *Chortodes*], three provisionally. *P. panatela*, **comb. n.**, “*P.*” *enervata*, **comb. n.**, [= “*P.*” *orphanina*, **comb. n.**, **syn. n.**], and “*P.*” *defecta*, **comb. n.** There are no differences in genitalia between southern “*P.*” *enervata*” and northern “*P.*” *orphanina*, **syn. n.** and forms blend together in a cline with every combination of form in between. [Contributed by Eric L. Quinter].
- 474 ***Hypocoena*** - In the genus *Hypocoena* Hampson the digitus and clasper are modified into posteriorly projecting spines and the vesica has a large curved cornutus. In *Photedes* Lederer [= *Chortodes* Tutt] the clasper and digitus are vestigial and the vesica has an apical brush of smaller spines. On this basis, *Hypocoena inquinata*, **comb. rev.**, [= *H. variana*, **syn. n.**], *H. sofiae*, **comb. n.**, *H. basistriga*, **comb. rev.**, *H. rufostrigata*, **comb. rev.**, and *H. stigmatica*, **comb. rev.**, are included in *Hypocoena*.
- 475 ***Hypocoena stigmatica*** - Reported from southeastern Alaska by Kononenko et al. (1989).
- 476 ***Rhizedra lutosa*** - Introduced from Europe into eastern North America and spreading (McCabe and Schweitzer 1991).
- 477 ***Capsula*** - The genus *Capsula* Fibiger, Zilli, Ronkay, & Goldstein, 2005 was proposed for some species in *Archanara*, including all but one of the North American species formerly attributed to *Archanara*. *Capsula alameda*, **comb. n.**, was not transferred at that point.
- 478 ***Capsula alameda*** - *Capsula alameda*, **comb. n.**, was omitted from Fibiger et al. (2005).
- 479 ***Helotropha reniformis*** - This species was transferred to ***Celaena*** Stephens by Kononenko et al. (1989). The genus *Helotropha* Lederer was reinstated for the European species ***H. leucostigma*** (Hübner) by Fibiger and Hacker (2005) and Zilli et al. (2005), so its close North American relative *H. reniformis*, **comb. rev.** should also be moved back to *Helotropha*.
- 480 ***Papaipema* Smith** - The sequence of genera related to *Papaipema* (*Amphipoea* Billberg, *Hydraecia* Guenée, *Parapamea* Bird, *Papaipema* Smith, and *Selicanis* Smith) results from unpublished phylogenetic studies by Eric Quinter, as does the sequence of species of *Papaipema*. *Papaipema limata*, **stat. rev.**, is treated as a valid species. More research is needed to confirm its status. [Contributed by Eric L. Quinter].

- 481 *Amphipoea pacifica* - *Amphipoea pacifica*, **stat. rev.** is a valid species differing in genitalia and DNA from *A. americana*.
- 482 *Amphipoea flavostigma* - *Amphipoea flavostigma*, **syn. n.**, is a southern form of *A. senilis* with more contrasting maculation.
- 483 **Tribe Arzamini** - The Arzamini were diagnosed and treated as a subtribe of the Apameini by Fibiger and Lafontaine (2005), but were treated as a separate tribe by Lafontaine and Fibiger (2006).
- 484 *Bellura vulnifica* - Ongoing research on the Arzamini by Eric L. Quinter shows that *Bellura vulnifica*, **stat. rev.**, (= *Arzama diffusa*, **syn. rev.**, = *Arzama melano-pyga*, **syn. rev.**) is not a synonym of *Bellura gortynoides* but should be treated as a valid species. *B. gortynoides* is of a brighter yellow color throughout its range, with little or no tendency to become darker northward. *B. vulnifica* feeds in *Nymphaea*, whereas *B. gortynoides* eats *Nuphar*. The type material of *B. vulnifica* is apparently lost, so its identity was determined from the original description. The types of the other three species were examined. [Contributed by Eric L. Quinter].
- 485 *Bellura anoa* - This species has been treated as a southern "race" of *obliqua*, a borer in cattail (*Typha*). *B. anoa*, however, is a borer in *Sagittaria*, and apparently ranges at least as far north as Massachusetts. It is a distinct species, and there is a possibility that *B. brehmei* (Barnes & McDunnough, 1916) will ultimately prove to be a junior synonym of *B. anoa*. [Contributed by Eric L. Quinter].
- 486 **Tribe Xylenini, Subtribe Xylenina** - The taxa were diagnosed and treated as a subfamily and tribe by Fibiger and Lafontaine (2005) and by Lafontaine and Fibiger (2006), and they also included the Apameini as a tribe. However, DNA data indicate that the Xyleninae are paraphyletic in that some tribes (e.g., Caradrinini, Elaphriini, and Prodeniini) belong outside of the Xyleninae + Hadeninae + Noctuinae clade, so we separate the tribes of the former Xyleninae and treat them as tribes of the expanded, more inclusive, concept of the Noctuinae s.l. The tribes Apameini + Xylenini, as used here, do appear to form a monophyletic group.
- 487 *Lithomoia germana* - Revised status by Kononenko et al. (1989) and Mikkola et al. (1991).
- 488 *Lithophane ferrealis* - The listing of this name as a valid species was an oversight in Franclemont and Todd (1983) that was corrected by Poole (1989).
- 489 *Lithophane vivida* - *Lithophane vivida*, **syn. n.**, is a silvery-gray form of *L. baileyi* that occurs on the west coast of British Columbia and northwestern Washington.
- 490 *Lithophane nigrescens* - *Lithophane nigrescens*, **syn. n.**, is a dark form of *Lithophane querquera*.
- 491 **Sunira Franclemont** - The genus *Sunira* was treated as a subgenus of *Agrochola* Hübner by Ronkay et al. (2001), but is reinstated here because of the divergent genitalia, compared with typical members of *Agrochola*, especially the forked and apically spined clasper, the reduced valve structure with the corona absent,

- the digitus reduced to a minute process on the costa, and the heavily sclerotized pouch in the female ductus bursae. Also, the COI barcode sequences never associate the two genera. This results in *Sunira bicolorago*, **comb. rev.**, *S. decipiens*, **comb. rev.**, and *S. verberata*, **comb. rev.**
- 492 *Sunira straminea* - *Sunira straminea*, **syn. n.** = *Sunira bicolorago*.
- 493 *Parastichtis suspecta* - Synonymy from Kononenko et al. (1989) and Mikkola et al. (1991).
- 494 *Aseptis lichena* - Generic combination from Mustelin et al. (2000).
- 495 “*Aseptis*” *marina* - “*Aseptis*” *marina*, **comb. n.**, is misplaced in *Oligia* Hübner and in the Apameini. The genitalia and COI barcode place it in the Xylenini near *Aseptis* McDunnough, but it will probably require a new genus when the group is revised.
- 496 *Epidemas obscurus* - *Epidemas melanographa*, **syn. n.**, is a dark form of *E. obscurus*.
- 497 *Brachylomia discolor* - Revised combination and synonymy of *Lomolysis* Franclemont with *Brachylomia* Hampson by Troubridge and Lafontaine (2007).
- 498 *Hyppa xylinoides* - In the Franclemont and Todd (1983) check list the name *Hyppa ancocisconensis* was relegated to the synonymy of *Hyppa xylinoides* leaving the species associated with the name *H. ancocisconensis* apparently not described. Troubridge and Lafontaine (2004a) treated the species formerly associated with the name *H. ancocisconensis* as a northern form of *H. contrasta* and confirmed the synonymy of *H. ancocisconensis* and *H. xylinoides*.
- 499 **Subtribe Cosmiina** - Classification from Fibiger and Lafontaine (2005) but treated as a subtribe of the Xylenini.
- 500 *Cosmia epipascia*, *C. praeacuta* - Generic combinations from Lafontaine and Troubridge (2003).
- 501 *Chytonix parvimacula* - This name was inadvertently omitted from the Franclemont and Todd (1983) check list. Examination of the holotype reveals that the name is a synonym of *Cosmia praeacuta* (= *Cosmia parvimacula* (Smith, 1903), **comb. n.**, **syn. n.**).
- 502 *Enargia infumata* - Examination of the type of *Enargia infumata* shows that *E. mephisto* is a junior synonym (Schmidt 2010a).
- 503 *Enargia fausta* - The species previously treated as *E. infumata* (of auth.) was renamed because the type of *E. infumata* is the same species as *E. mephisto*; see Schmidt (2010a). An enigmatic population of *Enargia* in the Pacific Northwest may represent a disjunct population of *E. fausta*, or an introduced, established population of the European *E. paleacea*.
- 504 *Ipimorpha pleonectusa* - = *I. subvexa*, **syn. n.** Geographical variation from paler Great Plains phenotypes to darker boreal phenotypes in the northern Great Plains, lack of genitalic differences, and low DNA barcode variance show that *subvexa* is a paler grasslands form of *pleonectusa*.
- 505 **Subtribe Antitypina** - Classification from Fibiger and Lafontaine (2005).

- 506 *Andropolia contrasta* - = *A. sansar*, **syn. n.** [Contributed by J. E. Rawlins]. *Andropolia extincta*, **syn. rev.**, was listed as a valid species by Franclemont and Todd (1983) after having been synonymized by Forbes (1954).
- 507 *Andropolia olga* - This species is closely related to *A. olorina* and possibly a vividly marked Sierra Nevada population. *A. olorina*, which occurs in coastal California, is mainly pale whitish gray with thin markings.
- 508 *Rhizagrotis modesta*, *R. stylata* - Generic combinations from Troubridge (2008).
- 509 *Fishia discors* - The type specimens of *Hadena evelina*, **syn. n.**, from Truckee, California, have not been located. The synonymy is based on the original description compared with material from the type locality. The name *hanhami*, **syn. n.** is changed in rank from a subspecies to a synonym.
- 510 *Fishia yosemitae* - Synonymy from Schmidt and Anweiler (2010a), except for *Fishia tortilis*, **syn. n.**
- 511 *Fishia dispar* - *Fishia dispar*, **n. comb.**, has genitalia typical for the genus.
- 512 *Fishia illocata* - This species was formerly included in *Oligia* Hübner, but it does not belong in *Oligia*, or in the Apameini. Although it is slightly atypical, the genitalia and DNA barcode put it in the Xylenini as the sister group to the other *Fishia*'s as *Fishia illocata*, **n. comb.**
- 513 "*Platypolia*" *mactata* - Like *Fishia illocata* above, "*Platypolia*" *mactata*, **n. comb.**, was misplaced in the Apameini and should be in the Xylenini: Antitypini. The association with *Platypolia* Grote is a tentative generic placement.
- 514 *Xylotype arcadia* - This name *arcadia* is an invalid correction of the species name. Although this probably was the intended spelling, the type locality being Nova Scotia, historically a part of Acadia, there is no indication in the original description that the name was intended to be spelled as *arcadia*.
- 515 *Mniotype adusta* - *Mniotype sommeri*, **syn. n.**, is a Greenland and Iceland form of this otherwise Eurasian species.
- 516 *Mniotype ducta* - Synonymy from Schmidt and Anweiler (2010a).
- 517 *Mniotype tenera* - Synonymy from Schmidt and Anweiler (2010a).
- 518 *Mniotype ferida* - The species name was misspelled as *fervida* in Franclemont and Todd (1983).
- 519 *Sutyna privata* - Synonymy of *S. profundus* from Schmidt and Anweiler (2010a). *Sutyna tenuilinea*, **syn. n.**, is an aberrant form of *S. privata* from Utah.
- 520 **Subtribe Ufeina** - The Ufeina was classified as a subfamily by Fibiger and Lafontaine (2005), but as a subtribe of the Xylenini, as used here, by Lafontaine and Fibiger (2006).
- 521 *Ufeus satyricus* - Although the type specimen of *Ufeus barometricus*, **syn. rev.** from northern Ontario is lost, the original description allows the name to be associated with *Ufeus satyricus* and not with *U. plicatus*, as in the Franclemont and Todd (1983) check list.

- 522 *Ufeus satyricus saggitarius* - The western populations of *Ufeus satyricus* do not look like the same species as the typical eastern form. However, the genitalia and DNA barcode do not give any support to their recognition as a distinct species and intergrades occur in an area of overlap in western Montana and Wyoming.
- 523 *Ufeus plicatus* - The whereabouts of the type of *Ufeus plicatus*, described from Philadelphia, Pennsylvania, is unknown. The details of the original description, however, indicate that the eastern populations formerly known as *U. unicolor*, **syn. n.**, known from the Midwest (Illinois, Nebraska, Iowa), are referable to *U. plicatus* and represent a dark mid-western form of the species. More material from the East is now known (Quebec, Ontario, Connecticut), including the form with a longitudinal dark streak on the forewing mentioned in the original description of *U. plicatus*.
- 524 *Ufeus electra* - *Ufeus electra*, **stat. rev.** and *U. hulsti*, **syn. n.** (described on the same page) were listed as western subspecies of *U. plicatus* by Franclemont and Todd (1983). They differ from *U. plicatus* in the DNA barcode, in having a wider clasper, the ventral band (brush) of cornuti in the vesica contains more cornuti, which are smaller and more numerous than in *U. plicatus*, so the “brush” appears to be the same size. Consequently, *Ufeus electra* is treated as a separate species from *U. plicatus*.
- 525 **Tribe Xylenini (*incertae sedis*)** - These genera are included here in Xylenini (*sensu lato*) only because they lack the characters of the other named tribes of the Noctuidae, and the genitalia characters are more similar to those of the Xylenini than to those of any other tribe.
- 526 *Nipponyx segregata* - This eastern Asian species was introduced into the northeastern United States in the 1990's. It was first recorded on Long Island, New York. It has extended its range at least as far as Connecticut. The larva feeds on hops (*Humulus* L.). [Contributed by Eric L. Quinter].
- 527 **Tribes Orthosiini, Tholerini, Hadenini, Leucaniini, Eriopygini, Glottulini** - Arrangement of genera in the former subfamily Hadeninae draw on larval characters given by Godfrey (1972) and Beck (1999-2000) as discussed by Fibiger and Lafontaine (2005).
- 528 *Perigonica fermata* - Synonymy by Mustelin (2006).
- 529 *Perigonica johnstoni* - *Perigonica johnstoni*, **comb. n.**, **syn. n.** is a synonym of *P. pectinata*.
- 530 *Orthosia macona* - Synonymy by Mustelin (2006).
- 531 *Himella fidelis* - Poole (1989) uses the name *Himella fidelis* for this species with a date of 1874 and gives the date of the synonym *H. intractata* as 1875. In Franclemont and Todd (1983) the synonymy is reversed with the date for *Himella fidelis* as 1875 and 1874 for *H. intractata*. Poole appears justified in this reversal because an article by Grote (1875) states that his paper was published 15 December 1874 and Morrison's paper was published “more than 10 days later,” so both descriptions date from December, 1874.

- 532 *Egira candida* - *Egira candida*, **syn. n.**, is a synonym of *E. curialis*.
- 533 *Egira onychina* - Synonymy and suppression of name from Troubridge and Lafontaine (2007).
- 534 *Morrisonia latex* - Generic combination from Poole (1989); taxonomic position reviewed by Sullivan and Adams (2009).
- 535 *Escaria* Grote, *Minofala* Smith, *Sparkia* Nye, *Trichocosmia* Grote, *Afotella* Barnes & Benjamin, *Hadenella* Grote - These six genera are characterized by a combination of external features, like the form of frontal process and the presence or apparent absence of hair on the surface of the eye. As a result, some were classified in the Hadeninae and others in the Amphipyrrinae sensu Franclemont and Todd (1983). They associate by DNA barcodes and have similar genitalia, which are also similar to those of *Anarta* Ochsenheimer, so some synonymy is likely when they are revised.
- 536 *Anarta nigrolunata* - Treated as a valid species following Schmidt and Anweiler (2010a).
- 537 *Anarta Ochsenheimer* - Fibiger and Hacker (2005) synonymized *Anarta* and *Discestra* Hampson and the generic combinations for the two species that occur in North America and Eurasia (*A. trifolii* and *A. farnhami*) are from that publication. The remaining combinations transferred from *Discestra*, and those from *Trichoclea* Grote, are from Mustelin (2006).
- 538 *Anarta montanica*, *A. columbica* - Listed as a separate species but not formally recognized as such by Mustelin (2006). Revised status by Schmidt and Anweiler (2010a).
- 539 *Anarta chunka* - *Anarta chunka*, **comb. n.**, **syn. n.**, is treated as a synonym of *A. crotchii*. The genitalia and DNA barcodes are highly variable, but the variation does not coincide with appearance, structural characters, or geographical locality.
- 540 *Anarta fusculeta* - Generic combination and revised status as a species from Mustelin (2006).
- 541 *Anarta postica* - Synonymy from Schmidt and Anweiler (2010a).
- 542 *Coranarta luteola* - Revised status by Lafontaine et al. (1987b). *Coranarta cordigera* is a Eurasian species. Use of the genus *Coranarta* follows Hacker (1998).
- 543 *Polia* generic complex - McCabe's (1980) revision of the *Polia* Ochsenheimer generic complex included *Polia*, *Melanchra* Hübner, *Lacanobia* Billberg, *Papestra* Sukhareva, and two new genera, *Spiramater* McCabe and *Trichordestra* McCabe. All of the names listed as new synonymies, revised synonymies, revised statuses, and new combinations in Franclemont and Todd (1983) for *Polia*, *Melanchra*, *Lacanobia*, and *Papestra* are taken from McCabe (1980) and are valid as of McCabe (1980). The two new genera of McCabe (*Spiramater* and *Trichordestra*) were omitted from the Franclemont and Todd (1983) check list.
- 544 *Polia rogenhoferi* - Synonymy from McCabe (1980).
- 545 *Polia richardsoni magna* - Subspecies status from McCabe (1980).

- 546 ***Lacanobia grandis*** - The genitalia of *Lacanobia grandis*, **comb. rev.** are very similar to those of other species of *Lacanobia* Billberg, compared with the very divergent genitalia of *Spiramater lutra*. The DNA barcode sequence also indicates an isolated position for *S. lutra*, so “*Spiramater*” *grandis* is returned to *Lacanobia*.
- 547 ***Spiramater lutra*** - Genus and generic combination from McCabe (1980).
- 548 ***Trichordestra* McCabe** - Genus and generic combinations from McCabe (1980).
- 549 ***Hada sutrina*** - Generic combination from Lafontaine et al. (1986).
- 550 ***Sideridis* Hübner** - The genus *Trichoclea* Grote was synonymized with *Anarta* Ochsenheimer by Fibiger and Hacker (2005). Some of the North American species in *Trichoclea* in Franclemont and Todd (1983) were transferred to *Anarta* by Mustelin (2006). Other species placed in *Trichoclea* in Franclemont and Todd (1983) are better associated with the genus *Sideridis* and were transferred by Schmidt and Anweiler (2010a).
- 551 ***Hecatera dysodea*** - This is an introduced Eurasian species found in Utah in 1998 (Utah Co., Pleasant Grove) and Oregon in 2005 (The Dalles). Larvae feed on flowers and seeds of Compositae, especially lettuce (*Lactuca* spp.), and have been reported as a pest of lettuce in Europe (Hacker et al. 2002). Vouchers in CMNH, CNC, OSU, and USNM.
- 552 ***Hadena* Schrank** - Generic combinations from Poole (1989), except for *Hadena plusasata*.
- 553 ***Hadena jola*** - Synonymy by Troubridge and Crabo (2002).
- 554 ***Hadena plumasata*** - Generic combination from Troubridge and Crabo (2002).
- 555 ***Dargida* Walker** - Pogue (2009) revised the Mexican and South American species of *Dargida*.
- 556 ***Faronta* Smith** - The genus *Faronta* was synonymized with *Dargida* Walker by Rodríguez and Angulo (2005) resulting in six new combinations.
- 557 ***Mythimna* Ochsenheimer** - For many years the genus *Mythimna* was very broadly defined in Europe and included the genera *Aletia* Hübner, *Pseudaletia* Franclemont, and *Leucania* Ochsenheimer, which were maintained as valid genera in North America in Franclemont and Todd (1983) and Poole (1989). More recently, this fauna is arranged in two genera in Europe (Hacker et al. 2002), with *Mythimna* (including the structurally similar *Aletia* and *Pseudaletia*) as one genus, and the structurally distinctive *Leucania* being recognized as another genus. We follow this classification here with *Mythimna oxygala*, **comb. rev.**, *M. yukonensis*, **comb. rev.**, and *M. sequax*, **comb. rev.** as revised combinations.
- 558 ***Leucania oregona*** - This species was lumped with *L. farcta* in Franclemont and Todd (1983) in spite of very different genitalia. We assume that the association of specimens with the names was incorrect. They had been treated as separate species in earlier lists.
- 559 ***Leucania lapidaria*** - Revised status from Rings et al. (1992).
- 560 ***Leucania dia*** - Revised status from Schmidt and Anweiler (2010a).

- 561 *Leucania inconspicua*, *L. senescens*, *L. dorsalis* - Reported from Florida by Dickel (1991); vouchers illustrated from the Dickel Collection, Anthony, Florida.
- 562 *Leucania subpunctata* - The identity of the species occurring in southern United States was corrected to *Leucania subpunctata* by Adams (2001). *Leucania latiuscula* occurs in the Caribbean but has not yet been found in Florida.
- 563 *Leucania lobrega* - Recorded in Florida as *L. opalisans* by Dickel (1991). Identity corrected to *L. lobrega* and species described by Adams (2001).
- 564 *Leucania solita* - Synonymy by Becker and Miller (2002).
- 565 *Lasionycta skraelingia* - Recorded in North America in Yukon by Lafontaine and Kononenko (1988b). The genus *Lasionycta* Aurivillius was revised by Crabo and Lafontaine (2009).
- 566 *Lasionycta secedens* - Generic combination from Hacker et al. (2002).
- 567 *Lasionycta secedens bohemani* - Subspecies status of *bohemani* from Kononenko et al. (1989).
- 568 *Lasionycta phaea* - Revised status from Lafontaine and Kononenko (1988b).
- 569 *Lasionycta membroso* - Synonymy from Lafontaine et al. (1986).
- 570 *Lasionycta mutilata*, *L. phoca* - Synonymy from Crabo and Lafontaine (2009).
- 571 *Lasionycta leucocycla* - Revised classification of *L. leucocycla* group from Crabo and Lafontaine (2009).
- 572 *Lasionycta flanda*, *L. coloradensis* - Revised status as a valid species from Crabo and Lafontaine (2009).
- 573 *Lasionycta poca* - Revised status as a valid species from Schmidt and Anweiler (2010a).
- 574 *Lasionycta perplexa* - Synonymy from Crabo and Lafontaine (2009).
- 575 *Lasionycta subfuscata*, *L. staudiingeri* - Synonymy and subspecific classification from Crabo and Lafontaine (2009).
- 576 *Lasionycta dolosa*, *L. subfumosa* - Revised status as valid species from Crabo and Lafontaine (2009).
- 577 *Lasionycta quadrilunata*, *L. uniformis*, *L. impingens* - Subspecific classification from Crabo and Lafontaine (2009).
- 578 *Lasionycta discolor*, *L. promulsa* - Synonymy from Crabo and Lafontaine (2009).
- 579 *Psammopolia* Crabo & Lafontaine - Genus and generic combinations from Crabo and Lafontaine (2009).
- 580 *Psammopolia etacta* - Synonymy from Crabo and Lafontaine (2009).
- 581 *Lacinipolia meditata* - = *L. brachiolum*, **syn. n.**, = *L. determinata*, **syn. n.**, = *L. rubrifusa*, **syn. n.**
- 582 *Lacinipolia rodora* - Reported from Texas (Knudson and Bordelon 2004). It also is widespread in southeastern Arizona.
- 583 *Lacinipolia illaudabilis* - Synonymy from Mustelin (2006).
- 584 "*Lacinipolia*" *mimula* - This species was included in *Lasiestra* Hampson by Franclemont and Todd (1983). It is provisionally moved to *Lacinipolia* McDunnough. It has the characteristic postsaccular flaps of *Lasionycta* Aurivillius (= *Lasiestra*) and *Lacinipolia* McDunnough, but it lacks the characteristics of

- Lasionycta*, which has just been revised (Crabo and Lafontaine 2009). *Lacinipolia* includes a number of diverse lineages and is badly in need of revision, so “*Lacinipolia*” *mimula*, **comb. n.**, is best dealt with there.
- 585 ***Homorthodes lindseyi*** - This is treated as a valid species because it occurs sympatrically with *H. furfurata* in northeastern United States without evidence of intergradation. The barcodes of the two taxa differ by about 2%. Two generations in southeastern United States bracket the single generation of *H. furfurata* (James K. Adams, pers. comm.).
- 586 ***Protorthodes incincta*** - = *P. saturnus*, **syn. n.**, = *P. indra*, **syn. n.**, = *P. daviesi*, **syn. n.** *P. indra* is a pale xeric habitat form (type locality: Prescott, Arizona) and *P. daviesi* (type locality: Fort Wingate, New Mexico) is a darker montane form with the central part of the forewing paler. Neither shows any differences in genitalia from typical *P. incincta* from farther north and east and the forms intergrade in appearance where they meet. The DNA barcode shows some isolation of the southern Wyoming/northern Colorado population of form *daviesi* (0.8%), but topotypical populations in the Zuni Mts of New Mexico show no barcode segregation. *P. utahensis* and *P. akalus* were synonymized by Schmidt and Anweiler (2010a).
- 587 ***Protorthodes lindrothi*** - *Protorthodes lindrothi* was described from Newfoundland and was recognized as a species because of slight differences in the male genitalia. Additional material shows that the differences are not consistent and the DNA barcode also suggests that *P. lindrothi*, **syn. n.** is a synonym of *P. oviduca*.
- 588 ***Hyperepia pi*** - Synonymy from Poole (1989).
- 589 ***Pseudorthodes iole*** - This species was listed by Poole (1989) in the genus *Eriopyga* Guenée, but examination of the genitalia shows that it should be reclassified as *Pseudorthodes iole*, **comb. n.** A voucher from Texas is in USNM. [Contributed by J. B. Sullivan].
- 590 ***Orthodes crenulata*** - Synonymy from Becker (2002).
- 591 “***Orthodes* Guenée**” - The six species provisionally associated with “*Orthodes*” were included in *Polia* Ochseneimer in Franclemont and Todd (1983). They were excluded from *Polia* by McCabe (1980), but apparently too late for the 1983 check list. They are included tentatively in *Orthodes* Guenée following the lead of Poole (1989) and earlier suggestions of affinities by McCabe (1980). They do not belong in *Orthodes* but no better placement could be found at this time. “*Orthodes*” *noverca*, “*O.*” *vauorbicularis*, and “*O.*” *delecta* may represent a single species.
- 592 “***Hexorthodes*” *agrotiformis*** - = “*H.*” *planalis*, **syn. n.**, = “*H.*” *diplopis*, **comb. n.**, **syn. n.**, = “*H.*” *aleuca*, **comb. n.**, **syn. n.**
- 593 “***Hexorthodes*” *tuana* and *nipana*** - These species were included in *Polia* Ochseneimer in Franclemont and Todd (1983). They are included tentatively in *Hexorthodes* McDunnough following the lead of Poole (1989) and earlier suggestions of affinities by McCabe (1980). They do not belong in *Hexorthodes*

- but no better placement could be found at this time. The synonymy of "*Hexorthodes*" *nipana* and of "*H.*" *montara* is from Mustelin (2006).
- 594 "*Hyssia*" *degenerans* - Reported from Texas by Blanchard (1973). This species occurs in western Texas and has been overlooked because of its superficial similarity to "*Hexorthodes*" *nipana*, which occurs farther to the west in Arizona and California.
- 595 "*Eriopyga*" *crista* - A synonym of this species ("*Eriopyga*" *dissimilis*) was nominally described from Arizona. However, the species otherwise occurs from southern Mexico to northern South America, so the specimen from Arizona is believed to be mislabelled. An undescribed species occurs in southeastern Arizona and it often is misidentified as "*Eriopyga*" *crista* because it is the only species in the genus listed by Franclemont and Todd (1983).
- 596 *Hypotrix* Guenée - Generic combinations from Lafontaine, Ferris, and Walsh (2010). The generic names *Trichorthosia* Grote, *Ursogastra* Smith, and *Trichagrotis* McDunnough were synonymized with *Hypotrix* and four species were transferred from *Hexorthodes* McDunnough.
- 597 *Anhypotrix* Lafontaine, Ferris & Walsh - Genus and generic combination from Lafontaine, Ferris, and Walsh (2010).
- 598 *Tricholita palmillo* - *Tricholita palmillo*, **comb. n.**, is transferred from *Sideridis* Hübner on the basis of genital structure and the DNA barcode.
- 599 **Tribe Noctuini** - Classification of Noctuini adapted from revisions of Noctuinae by Lafontaine (1987, 1998, 2004).
- 600 **Subtribe Agrotina** - Classification of Agrotina adapted from Lafontaine (1987, 2004).
- 601 *Anicla* Ochsenheimer - Generic combinations and the status of *Euagrotis* McDunnough as a subgenus of *Anicla* by Lafontaine (2004).
- 602 *Anicla exuberans* - Synonymy from Lafontaine (2004).
- 603 *Anicla espoetia* - Reported in United States by Lafontaine (2004).
- 604 *Striacosta* Lafontaine - Genus and generic combination from Lafontaine (2004).
- 605 *Actebia* Stephens - New generic synonyms listed in Lafontaine (2004).
- 606 *Actebia balanitis* - Generic combination and the status of *Protexarnis* McDunnough as a subgenus of *Actebia* from Lafontaine (2004).
- 607 *Dichagyris* Lederer - Generic combinations and the status of *Loxagrotis* McDunnough, *Pseudorichia* Lafontaine, *Pseudorthosia* Grote, and *Mesembragrotis* Barnes & Benjamin as subgenera of *Dichagyris* from Lafontaine (2004). The genera *Proragrotis* McDunnough and *Pseudoseptis* McDunnough were synonymized with *Dichagyris*. Five species were transferred from *Richia* Grote.
- 608 *Dichagyris cataclivis*, *D. mizteca*, *D. arabella* - Reported in United States by Lafontaine (2004).
- 609 *Dichagyris socorro*, *D. madida* - Synonymies from Lafontaine (2004).
- 610 *Eucoptocnemis* Grote - Generic combinations and the status of *Manruta* Smith and *Desertica* Lafontaine as subgenera of *Eucoptocnemis* from Lafontaine (2004).

- 611 *Eucoptocnemis tripars* - Synonymy from Lafontaine (2004).
- 612 *Richia distichoides*, *R. docilis* - Synonymies from Lafontaine (2004).
- 613 *Richia Grote* - Generic combinations for species transferred from *Loxagrotis* McDunnough and *Eurois* Hübner from Lafontaine (2004).
- 614 *Richia herculeana* - Reported in United States by Lafontaine (2004).
- 615 *Copablepharon* subspecies - Revised taxonomic status by Crabo et al. (2004).
- 616 *Protogygia epipsilioides* - Synonymy from Lafontaine and Fauske (2004).
- 617 *Protogygia album* - Generic combination from Lafontaine and Fauske (2004).
- 618 *Euxoa bochus* - Revised classification and synonymy from Lafontaine (2004).
- 619 *Euxoa adumbrata* - Following Fibiger's (1997) treatment of the Eurasian *Euxoa adumbrata* as a separate species from the North European *E. lidia* (Stoll), the two North American subspecies are associated with *Euxoa adumbrata*.
- 620 *Euxoa shasta condita* - Taxonomic status revised by Lafontaine (1987).
- 621 *Euxoa vallis luteosita* - Taxonomic status revised by Lafontaine (1987).
- 622 *Euxoa chimoensis* - Revised status from Lafontaine and Troubridge (2010).
- 623 *Euxoa lewisi julia* - Taxonomic status revised by Lafontaine (1987).
- 624 *Euxoa oncocnemoides* - *Euxoa oncocnemoides*, **stat. rev.**, is treated as a valid species because its range is now known to overlap that of *Euxoa annulipes* in southern California.
- 625 *Euxoa andera*, *E. incallida*, *E. loya* - Synonymies from Lafontaine (1987).
- 626 *Euxoa excogita* - *Euxoa excogita*, **stat. rev.**, is treated as a valid species because it occurs sympatrically with *E. brunneigera* in the Great Plains and Rocky Mountain States without evidence of hybridization.
- 627 *Euxoa cursoria wirima* - Taxonomic status revised by Lafontaine (1987).
- 628 *Euxoa furtivus* - Taxonomic status revised by Schmidt and Anweiler (2010a).
- 629 *Euxoa arizonensis*, *E. mercedes* - Synonymies from Lafontaine (1987).
- 630 *Euxoa aequalis* - Subspecific classification from Lafontaine (1987).
- 631 *Euxoa incognita*, *E. cooki* - Synonymies from Lafontaine (1987).
- 632 *Euxoa maimes* - Taxonomic status revised by Lafontaine (1987).
- 633 *Feltia Walker* - Generic combinations and the status of *Trichosilia* Hampson as a subgenus of *Feltia* from Lafontaine (2004).
- 634 *Feltia acarnea* - Synonymy from revision of *Trichosilia* by Lafontaine and Kononenko (1986).
- 635 *Feltia jaculifera*, *F. evanidalis*, *F. tricola* - Synonymies from Lafontaine (2004).
- 636 *Feltia subterranea*, *F. repleta* - Transfer from *Agrotis* from Lafontaine (2004).
- 637 *Agrotis rileyana* - Generic combination and synonymy of the genus *Onychagrotis* Hampson by Lafontaine (2004).
- 638 *Agrotis Ochsenheimer* - Synonymies from Lafontaine (2004).
- 639 *Agrotis carolina* - *Agrotis carolina*, **syn. n.**, appears to be a larger southern form of *A. buchholzi* with the same larval host plant. The vesica illustrated for *A. carolina* by Schweitzer and McCabe (2004) is broken, so it appears to be much shorter than that of *A. buchholzi*. The differences in valve shape are not consistent.

- 640 **Subtribe Noctuina** - Classification of Noctuina adapted from revision of subtribe (as tribe Noctuini) by Lafontaine (1998).
- 641 *Diarsia rosaria freemani* - Taxonomic status revised in Lafontaine (1998).
- 642 *Cerastis Ochsenheimer* - Generic combinations through the synonymy of *Metalepsis* Grote from Lafontaine and Crabo (1997).
- 643 *Hemipachnobia McDunnough* - Genus resegregated into two species from Lafontaine (1998). *H. subporphyrea* is known from southeastern North Carolina and eastern Maryland.
- 644 *Lycophotia Hübner* - Generic combination from Lafontaine (1998).
- 645 *Rhyacia clemens* - Revised status by Lafontaine (1998).
- 646 *Noctua pronuba* - Introduced from Eurasia into Nova Scotia about 1979; now occurs throughout North America from Florida to Alaska. Full synonymy given in Lafontaine (1998).
- 647 *Noctua comes* - Introduced from Eurasia into British Columbia about 1982 and spreading southward in the Pacific Northwest. Recently found in Ontario (Crolla 2008). Full synonymy given in Lafontaine (1998).
- 648 *Graphiphora haruspica* - Synonymy from Lafontaine (1998).
- 649 *Xestia trumani* - Synonymy from Lafontaine (1998).
- 650 *Xestia plebeia* - Generic combination through the synonymy of the genus *Hemigraphiphora* McDunnough from Lafontaine (1998).
- 651 *Xestia vernilis* group - Generic combinations from Poole (1989).
- 652 *Xestia youngii* - *Xestia youngii*, **syn. rev.**, is treated as an ecological form of *X. dilucida* adapted to peat bogs.
- 653 *Xestia adela* - Synonymy from Lafontaine (1998).
- 654 *Xestia wockei* - Generic combination from Inoue et al. (1982).
- 655 *Xestia (Megasema)* - Synonymy of the genus *Agrotiphila* Grote with *Xestia* subgenus *Megasema* Guenée by Lafontaine (1998).
- 656 *Xestia (Pachnobia)* - Synonymy of the genera *Anomogyna* Staudinger, *Archanaarta* Barnes & Benjamin, *Barrovia* Barnes & McDunnough, and *Epipsiliamorpha* Barnes & Benjamin as synonyms of *Xestia* subgenus *Pachnobia* Guenée by Lafontaine et al. (1998). Generic combination of *Xestia speciosa* from Hartig and Heinicke (1973).
- 657 *Xestia speciosa* - Subspecific classification from Lafontaine et al. (1998).
- 658 *Xestia mixta* - Revised status from Lafontaine et al. (1998).
- 659 *Xestia albuncula* and *X. kolymae* - Reported in North America and synonymy by Lafontaine et al. (1998).
- 660 *Xestia atrata*, *X. tecta*, *X. okakensis*, *X. lorezi* - Subspecific classification from Lafontaine et al. (1987a).
- 661 *Xestia ursae* - Revised status from Lafontaine et al. (1987a).
- 662 *Xestia perquiritata*, *X. homogena* - Subspecific classification from Lafontaine et al. (1998).
- 663 *Xestia intermedia* and *X. lyngei* - New North American record and new combination from Lafontaine et al. (1983).

- 664 *Xestia alaskae* - Generic combination and synonymy of the genus *Epipsil-  
iamorpha* with *Xestia* from Lafontaine et al. (1983).
- 665 *Xestia aequaeva* - Subspecific classification from Lafontaine and Mikkola (1996).
- 666 *Xestia quieta* - Generic combination and synonymy of the genus *Archanarta*  
with *Xestia* from Lafontaine et al. (1983).
- 667 *Xestia bryanti* - Generic combination and synonymy from Lafontaine et al.  
(1983).
- 668 *Xestia liquidaria* - Generic combination, synonymy, and synonymy of the  
genus *Barrovia* Barnes & McDunnough with *Xestia* from Lafontaine et al.  
(1983).
- 669 *Coenophila opacifrons* - Revised status and synonymy from Lafontaine  
(1998).
- 670 *Prognorisma* Lafontaine, *Agnorisma* Lafontaine - Genera, generic combina-  
tions, and synonymies from Lafontaine (1998).
- 671 *Agnorisma hero* - Synonymy from Lafontaine (1998).
- 672 *Agnorisma bugrai* - Replacement name for *Agrotis collaris* Grote & Robinson,  
1868, a junior primary homonym of *Agrotis collaris* Wallengren, 1856, from  
Koçak (1983).
- 673 *Pseudohermonassa Varga* - Generic combinations from Lafontaine (1998).
- 674 *Pseudohermonassa scaramangoides* - Synonymy from Lafontaine (1998).
- 675 *Setagrotis* Smith - Synonymies from Lafontaine (1998).
- 676 *Tesagrotis* Lafontaine - Genus and generic combinations from Lafontaine (1998).
- 677 *Tesagrotis corrodera*, *T. amia* - Revised status and synonymy of *T. fortiter*  
from Lafontaine (1998).
- 678 *Adelphagrotis quarta* - Synonymy from Lafontaine (1998).
- 679 *Adelphagrotis carissima* - Revised status from Lafontaine (1998).
- 680 *Parabagrotis* Lafontaine - Genus, generic combinations, and revised status  
for species from Lafontaine (1998).
- 681 *Parabagrotis exsertistigma* - The species name was misspelled as *exertistigma*  
in Franclemont and Todd (1983) and Lafontaine (1998).
- 682 *Abagrotis crumbi*, *A. barnesi*, and *A. tecatensis* - Synonymies from Lafon-  
taine (1998).
- 683 *Abagrotis forbesi* - Revised status from Lafontaine (1998).
- 684 *Abagrotis brunneipennis* - Revised status and new combinations through  
synonymy of the genus *Rhynchagrotis* Smith with *Abagrotis* Smith from Lafon-  
taine (1998).
- 685 *Pronoctua peabodyae* - New status from Lafontaine (1998).
- 686 *Isochlora sericea* - New combination through synonymy of the genus *Chamy-  
la* Staudinger with *Isochlora* Staudinger from Lafontaine (1998).

**Excluded species**

- 687 *Eilema complana* (Linnaeus, 1858) - (= *Crambidia allegheniensis* Holland, 1903). A single male specimen of this Palearctic species has been reported from North America, but since it has not subsequently been collected this record is treated as an accidental introduction. The specimen was collected, described and illustrated by Holland (1903) as *Crambidia allegheniensis* Holland, 1903, and subsequently recognized as a synonym of *Eilema complana* by Clench (1954). This taxon was listed in Franclemont (1983), but was subsequently excluded from North American check lists (Ferguson and Opler 2006, Schmidt and Opler 2008).
- 688 *Virbia cetes* (Druce, 1897) - Removed from list because of lack of any verifiable records Schmidt and Opler (2008).
- 689 *Halysidota underwoodi* Rothschild, 1909 - Removed from list because of lack of any verifiable records (Ferguson and Opler, 2006).
- 690 *Halysidota fuliginosa* Rothschild, 1909 - Removed from list because of lack of any verifiable records (Ferguson and Opler, 2006).
- 691 *Pseudohemihyalea mansueta* (H. Edwards, 1884) - Removed from list because of lack of any verifiable records (Schmidt and Opler, 2008).
- 692 *Antichloris viridis* Druce, 1884 - Extralimital. Occasionally found in North America in banana shipments.
- 693 *Anomis cataggellus* Dyar, 1913 - Reported from Texas by Knudson and Borden (2004) on the basis of material identified by Andre Blanchard. The specimens from Texas resemble this species, however, on comparison with the male holotype of *Anomis cataggellus* the male of the species recorded from Texas does not have the swollen folded area on the costa near the base of the forewing in *A. cataggellus* and its relatives. We have not been able to match the species from Texas with any other known *Anomis*.
- 694 *Isogona continua* Guenée, 1852 - Specimens reported as *Isogona continua* Guenée, 1852 from Texas were misidentified. They probably are referable to *Isogona natatrix* of which *Isogona continua* (Walker, 1869) is a synonym (and a secondary homonym of *Isogona continua* Guenée).
- 695 *Cecharismena abarusalis* (Walker, 1859) - Described from Brazil. North American records were found to be misidentified.
- 696 *Thysania agrippina* (Cramer, 1776) - Heppner (2003) discounted the Florida record as likely mislabelled, or an escape from a ship or cargo.
- 697 *Eulepidotis dominicata* (Guenée, 1852) - This species is on the 1983 MONA check list based on an old specimen in USNM labelled "Cherolokee, Fla., September, [19]07." The validity of this record was questioned by Todd (1961). The species occurs in Central and South America but not in the Greater Antilles in the Caribbean, so the specimen from Florida is believed to be mislabeled. Reports from Texas have not been substantiated by verifiable records (E. Knudson, pers. comm.).

- 698 *Eulepidotis merricki* (Holland, 1902) - This species is nominally described from Pittsburgh, Pennsylvania, but is probably mislabelled. It occurs in the Caribbean, including Cuba, but has never been reported from Florida.
- 699 *Trichoplusia abrota* (Druce, 1889) - Removed from list because of lack of any verifiable records (Lafontaine and Poole, 1991).
- 700 *Autographa bonaerensis* (Berg, 1882) - Removed from list because of lack of any verifiable records (Lafontaine and Poole, 1991). The species is unlikely to occur in North America because it occurs from southern Brazil and Paraguay southward (Lafontaine and Sullivan 2009).
- 701 “*Eustrotia*” *fausta* Druce, 1889 - *Eustrotia fausta* Druce was reported from Arizona by Ferris (2009), but was later reidentified by him as a female of the pyralid *Tosale aucta* Hampson after consultation with Ed Knudson.
- 702 *Acronicta auricoma* (Fabricius, 1787) - Material reported from Newfoundland, Canada, was re-identified as *Acronicta impressa* (Walker) (Mikkola et al., 1991).
- 703 *Agroperina obliviosa* (Walker, 1858) - Re-identified as a mislabelled synonym of the Eurasian species *Apamea maillardi* (Geyer) (Mikkola et al. 2009).
- 704 *Andropolia ochracea* (Smith, 1900) - *Andropolia ochracea* (Smith, 1900) is a mislabelled synonym of the Eurasian species *Polymixis flavocincta* ([Denis & Schiffermüller], 1775) (Forbes 1954).
- 705 *Micrathetis dasarata* (Druce, 1898) - Material reported to be *Micrathetis dasarata* from Texas has been reidentified as forms of *M. tecnion* Dyar, 1914.
- 706 *Neumoegenia coronides* (Druce, 1889) - Removed from list because of lack of any verifiable records (Poole, 1995).
- 707 *Neumoegenia albavena* (Ottolengui, 1898) - Removed from list because of lack of any verifiable records (Poole, 1995).
- 708 *Chrysoecia requies* (Dyar, 1909) - Removed from list because of lack of any verifiable records (Poole, 1995).
- 709 *Basilodes inquinatus* Hogue, 1983 - Removed from list because of lack of any verifiable records (Poole, 1995).
- 710 *Sericaglaea adulta* (Guenée, 1852) - The name *Cerastis adulta* Guenée, 1852 is listed twice in Franclemont and Todd (1983), once in *Sericaglaea* Franclemont and once in *Rhynchagrotis* Smith (= *Abagrotis* Smith). Its identity was discussed by Lafontaine (1998). It is probably a senior synonym of one of the species of *Metaxaglaea* Franclemont but the name, described from an Abbot painting, is too vaguely described to be identified.
- 711 *Anathix immaculata* (Morrison, 1875) - The identity of *Orthosia immaculata* Morrison is unknown. The type specimen was said to be at MCZ by Morrison but it is not recorded as being among the type material in the MCZ type data-base. We tentatively retain it in *Anathix* Franclemont following the Franclemont and Todd (1983) check list, but the expanse is given in the original description as 37 mm, much larger than any *Anathix* known.
- 712 *Anarta mimuli* Behr, 1885 - The type material of *Anarta mimuli* Behr, 1885 is lost, probably destroyed in the San Francisco earthquake and fire in

1906. The original description is too vague to associate the name with any known species, so the name is treated as *Anarta mimuli* Behr, 1885, ***nomen obscurum***.
- 713 ***Anarta myrtilli* (Linnaeus, 1761)** - Occurrence in North America based on mislabeled specimens in BMNH.
- 714 ***Lacinipolia perfragilis* (Dyar, 1923)** - The original material from United States identified as the Mexican species *Lacinipolia perfragilis* was later described as a new species, *Lacinipolia triplehorni* Selman & Leuschner, 2001. The two species differ in genitalia and no material matching the holotype of *L. perfragilis* has been located.
- 715 ***Leucania comma* (Linnaeus, 1761)** - *Leucania comma* was reported as introduced into Newfoundland by Ferguson (1963) but these specimens were recently shown to represent *Leucania dia*, a valid North American species (Schmidt and Anweiler 2010a).
- 716 ***Schinia espea* Smith, 1908** - Re-identified as a mislabelled synonym of the South American species *Heliothis molochitina* Berg (Hardwick 1996).

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## Index

NOTE - index numbers refer to checklist species entries, and/or corresponding notes in Notes and Excluded species sections (preceded by the letter "N"). Synonyms are italicized.

Abablemma	930650		
Abagrotis	933650	Acherdoa	932213
abalienalis Walker [Hypena]	930566	acheron Troubridge [Sympistis]	931871
abarusalis (Walker) [Cecharismena]	N99, N695	<i>acla</i> (Benjamin) [Acronicta]	931477
abbreviatella Grote [Catocala]	930827	Acontia	931374
abdita Rindge & Smith [Annaphila]	931739	acontioides (Guenée) [Melipotis]	930881
abdominalis Grote [Pygarctia]	930430	Acopa	931626
abdominalis Grote [Tarache]	931345	<i>acraea</i> (Benjamin) [Xestia]	933614
aberrans McDunnough [Euxoa]	933475	"Acrapex"	932431
abita Brou & Lafontaine [Lithophane]	932555	acrea (Drury) [Estigmene]	930317
abjuralis Walker [Hypena]	930579, N48	Acritogramma	931013
ablunaris (Guenée) [Achaea]	931059, N152	Acronicta	931420
Abrostola	931161	acronyctoides (Walker) [Panthea]	931398
abrostolella (Walker) [Paectes]	931108, N169	Acroria	932278
abrostoloides (Guenée) [Paectes]	931111	Acsala	930173
abrota (Druce) [Trichoplusia]	N699	Actebia	933229
abrupta Grote [Raphia]	931411, N246	actura Smith [Pseudanarta]	932733
abseuzalis Walker [Motya]	931155	acuna Barnes [Oxycnemis]	931613
absidum (Harvey) [Copablepharon]	933286	acutangula Hampson [Paectes]	931114
absona Lafontaine [Euxoa]	933368	acutilinea (Grote) [Schinia]	932153, N378
absorptalis (Walker) [Macrochilo]	930508	acutus (Smith) [Ponometia]	931332, N225
abstrusa Eichlin & Cunningham [Syngrapha]	931224	addenda Barnes & Benjamin [Scotogramma]	932852
absumens (Walker) [Metallata]	931075	addens (Walker) [Eulepidotis]	931066, N155
<i>acadia</i> of auth. [Xylotype]	932701	<i>adela</i> Franclemont [Xestia]	933588, N653
acadiana Brou [Baileya]	931151	<i>adela</i> Lafontaine & Mikkola [Pyrrhia]	932040
acadiensis (Bethune) [Cryptocala]	933553	Adelphagrotis	933640
<i>acarnea</i> (Smith) [Feltia]	933489, N634	<i>aden</i> (Strecker) [Schinia]	932140
accessa Smith [Schinia]	932165	adiastola Franclemont [Orthodes]	933139
acclivis (Morrison) [Dichagyris]	933232	adipel (Benjamin) [Lithophane]	932559
accola Franclemont [Nychioptera]	930722	Adita	N328
accurata (H. Edwards) ["Hexorthodes"]	933154	adjuncta (Guenée) [Melanchra]	932874, N543
acema (Druce) [Chalcopasta]	931698	adjuta (Grote) [Leucania]	932960
acera (Smith) [Apamea]	932338	adjutrix of auth. [Athyrma]	931084, N163
acerba (H. Edwards) [Tarache]	931368, N234	Admetovis	932806
Acerbia	930284	adnixa (Grote) [Aseptis]	932635
<i>acerboides</i> (Poole) [Tarache]	931368	adoceta Franclemont [Matigramma]	931012
Acerra	932755	adspergillus (Bosc) [Renia]	930538
acesias Felder & Rogenhofer [Heliopsis]	932047, N363	adulta (Guenée) [Sericaglaea]	N710
Achaea	931059	adumbrata (Behr) [Drasteria]	930910
Achatia	932800	adumbrata (Eversmann) [Euxoa]	933308, N619
Achatodes	932444	adusta (Esper) [Mniotype]	932703, N515

adusta A. Blanchard & Knudson [Euamiana]	931593	Alabama	930611
adusta Buckett [Nephelodes]	932813	alabamae Grote [Catocala]	930848
advena Grote [Oxycnemis]	931611	alameda (Smith) [Capsula]	932440, N478
aedon (Grote) [Andropolia]	932684	alamosa (Barnes) [Hypotrix]	933178, N596
aemula Hübner [Idia]	930471	alampeta Franclemont [Abagrotis]	933673
<i>aeneipennis</i> Grote [ <i>Agrotis</i> ]	933517, N638	alapallida Pogue & Sullivan [Elaphria]	932234
aeolia (Druce) [Bendisodes]	930979	alaskae (Grote) [Xestia]	933611, N664
aequaeva (Benjamin) [Xestia]	933612, N665	alaskensis Crabo & Lafontaine [Copablepharon]	933275
aequalis (Harvey) [Euxoa]	933464, N630	Alaustria	932288
aequinoctialis (Walker) [Gnophaela]	930354	alata (Smith) [Ponometia]	931323
aerata (Lyman) [Papaipema]	932499	alba Barnes & McDunnough [Redingtonia]	931598
aerea (Hübner) [Allagrapha]	931177	albefascia Smith [Schinia]	932159, N381
aereoides (Grote) [Diachrysia]	931178	albalis (Grote) [Rhizagrotis]	932687
aeria (Grote) [Ozarba]	931302	albarufa Grote [Acronicta]	931462
aeruginosa (Guenée) [Zale]	931029	albata Packard [Clemensia]	930215
aetheria (Barnes & McDunnough) [Schinia]		albavena (Ottolengui) [Neumoegenia]	N707
	932076, N369	albavitta (Ottolengui) [Euchalcia]	931180
aetheria (Grote) [Hyperstrotia]	930728	<i>alberta</i> (Barnes & Benjamin) [ <i>Lasionycta</i> ]	932988
afflicta Grote [Acronicta]	931471	alberta Troubridge & Lafontaine [Protopygia]	933299
Afilia	930055	albertae Dyar [Dodia]	930337
Afotella	932821	albertensis (McDunnough) [ <i>Lasionycta</i> - ssp.]	932978
Afrida	931158	<i>albertina</i> (Hampson) [ <i>Eremobina</i> ]	932372
“Afrida”	931160	albicans Walker [Elousa]	930984, N141
Agaraea	930393	albiciatus (Smith) [Alleraustria]	930744, N97
agema (Strecker) [Euxoa]	933443	<i>albicinerea</i> (Smith) [ <i>Cucullia</i> ]	931537, N268
aggressa (Smith) [Anathix]	932621	albicosta (Smith) [Striacosta]	933228, N604
Aglaonice	930743	albicosta (Walker) [Euchaetes]	930417
agna (Druce) [Helia]	930980	albicosta Schaus [Bagisara]	931246
agnata (Smith) [Lacinipolia]	933023	albida (Stretch) [Estigmene]	930318
Agnorisma	933626	albida Smith [Cucullia]	931537
Agriopodes	931494	albidula (Guenée) [Protodeltote]	931291
agrippina (Cramer) [Thysania]	N696	albifasciata (Hampson) [Sympistis]	931799
agrippina Strecker [Catocala]	930785	albifrons (J.E. Smith) [Symmerista]	930127
Agrochola	932613	albifusa (Ferris & Lafontaine) [Tarache]	931357
Agroperina	N444	albigera (Guenée) [Condica]	932002
agrotiformis (Grote) [“Hexorthodes”]	933152, N592	albilinea Richards [Metalectra]	930684
agrotina (Guenée) [Elaphria]	932227	albimacula (Barnes & McDunnough) [Properigea]	932719
Agrotiphila	N655	albimargo (Barnes & McDunnough) [Ponometia]	931324
Agrotis	933506	albina (Grote) [Apamea]	932335
Agrotisia	932717	<i>albinuda</i> (Smith) [ <i>Lasionycta</i> ]	932998
agrotoides (Walker) [Melipotis]	930879	albiocula (Barnes & McDunnough) [Airamia]	931641
Agylla	930228	albipennis (Grote) [Euxoa]	933397
aholibah Strecker [Catocala]	930791	albipuncta (Barnes & McDunnough) [“Cryphia”]	932203
aileenae Selman & Leuschner [Lacinipolia]	933059	albipuncta of auth. [Bertholdia]	930391
Airamia	931641	albipunctilla Schaus [Physula]	930543, N44
<i>akalus</i> (Strecker) [ <i>Protorthodes</i> ]	933105	albirena Troubridge & Lafontaine [Neoligia]	932401
aklavikensis (Benjamin) [Xestia - ssp.]	933596, N657	albisericea A. Blanchard [Copablepharon]	933279

albisinuata (Smith) [Rejectaria]	930553	alternata (Grote) [Abagrotis]	933680
albitermen (Barnes & McDunnough) [Ponometia]		alticola (Smith) [Apamea]	932352, N445
	931306, N225	alticola (Walker) [Syngrapha]	931232, N195
albocostaliata (Packard) ["Oruza"]	930698, N87	altura Barnes [Ogdoconta]	932021
albocostata (Druce) ["Oruza"]	930699	alucitalis Guenée [Lascoria]	930549
albolabes (Grote) [Condica]	931994	alurina (Smith) [Orthosia]	932774
alboplagiata Smith [Tristyla]	931732	aluticolor Pogue & Ferguson [Cutina]	930965
albopunctella Walker [Cutina]	930963, N135	Alypia	931979
albosigma Fitch [Clostera]	930003	Alypiodes	931977
<i>albosuffusa</i> McDunnough [ <i>Panthea</i> ]	931398	amabilis (Barnes & McDunnough) [Hadena]	932920
albula (Walker) [Spodoptera]	932224	amado Barnes [Plusiodonta]	930623
album (Harvey) [Protogygia]	933300, N617	amanda (Smith) [Lithophane]	932544
albuncula (Eversmann) [Xestia]	933599, N659	amanda Barnes & Lindsey [Heterocampa]	930084
alcandola (Smith) [Abagrotis]	933652	amaryllis (Smith) [Schinia]	932099
alcandra (Druce) [Nocloa]	931583	amatrix (Hübner) [Catocala]	930815
aleada Smith [Dargida]	932932	ambifusca (Newman) [Meropleon]	932414
alencis (Harvey) [Schinia]	932173, N387	ambigua (Strecker) [Pseudohemihyalea]	930380, N26
<i>alensa</i> Smith [ <i>Schinia</i> ]	932166	ambigualis Walker [Lascoria]	930547
Aleptina	931633	amella (Guenée) [Metria]	930992
"Aleptina"	931637	amenthes Troubridge [Sympistis]	931860
Aleptinoides	931731	americalis (Guenée) [Idia]	930469
aleptivoides (Barnes & McDunnough) [Aleptina]		americana (Harris) [Acronicta]	931421
	931635, N290	americana (Smith) [Tholera]	932809
<i>alessandra</i> (Smith) [ <i>Tarache</i> ]	931353, N230	americana (Speyer) [Amphipoea]	932447
Aletia	N557	amestris Strecker [Catocala]	930830
<i>aleuca</i> (Draudt) [" <i>Hexorthodes</i> "]	933152	amia (Dyar) [Tesagrotis]	933639, N677
Alexicles	930320	Amiana	931283
alfarata Strecker [Cucullia]	931522	amica (Hübner) [Catocala]	930859
alfkenii (Grote) [Protorthodes]	933111	Amolita	931060
algens (Grote) [Brachylomia]	932654	Amphipoea	932446
alia (Guenée) [Apamea]	932307	"Amphipoea"	932452
aliaga (Barnes) [Nocloa]	931584	Amphipyra	931544
alias (Ottolengui) [Syngrapha]	931225	amphipyroides Guenée [Latebraria]	930756
alko (Strecker) [Euxoa - ssp.]	933464	ampla (Grote) [Doa]	930001
Allagrapha	931177	ampla (Walker) [Autographa]	931204
allectans Ferguson [Grammia]	930256	<i>ampliata</i> (McDunnough) [Apamea]	932310
Allerastria	930744	amputatrix (Fitch) [Apamea]	932333, N440
Allotria	930962	amun Troubridge [Sympistis]	931877
allusa Hulst [Catocala - ssp.]	930801, N113	Amyna	931252
alpica (Benjamin) [Oligocentria]	930106	Anagrapha	931234
alpina (Quensel) [Acerbia]	930284	Anaplectoides	933564
alpina Benjamin [Litodonta]	930065	Anarta	932823
alta (Barnes & Benjamin) [Anarta]	932834	anartoides (Walker) [Cecharismena]	930750, N100
altens McDunnough [Euxoa]	933337	Anathix	932619
altera (Ottolengui) [Syngrapha]	931210	anaverta Buckett & Bauer [Pseudocopivaleria]	931556
altera (Smith) [Ponometia]	931333	anceps (Stephens) [Platypolia]	932696
alternans (Walker) [Egira]	932799	anchocelioides (Guenée) [Abagrotis]	933688

<i>ancocisconensis</i> Morrison [Hyppa]	932664	Anomis	930602
<i>ancocisconensis</i> of auth. [Hyppa]	932665	Anomogyna	N656
<i>andera</i> Smith [Euxoa]	933401, N625	anopla Hering [Gardinia]	930232
<i>andremona</i> (Cramer) [Hypocala]	930627	anormalis (Barnes & McDunnough) [Prosoparia]	
<i>andrena</i> (Smith) [Condica]	932008		930691, N85
<i>androgea</i> (Stoll) [Spodoptera]	932222, N407	“Anorthodes”	932270
<i>Androloma</i>	931984	anotha (Dyar) [Protoperigea]	932250
<i>andromache</i> H. Edwards [Catocala]	930821	antennata (Barnes & McDunnough) [Protorthodes]	933110
<i>andromedae</i> Guenée [Catocala]	930835	antennata (Smith) [Apamea]	932323
<i>Andropolia</i>	932680	antennata (Walker) [Lithophane]	932577
<i>anfracta</i> (H. Edwards) [Phobolusia]	930654	antennata Smith [Meleneta]	931409
<i>angelica</i> (Dyar) [Panthea]	931399	Anterastria	932207
<i>angelica</i> (Smith) [Microhelix]	932035, N357	anteroclara Smith [Leucania]	932941
<i>angelica</i> (Smith) [Papaipema]	932486	anthracina Crabo & Lafontaine [Lasionycta]	932981
<i>angelica</i> Smith [Copibryophila]	931639	anthracitaria Ferris & McFarland [Bryolymnia]	932245
<i>angelicus</i> Smith [Cobalos]	932407	Antiblemma	931093
<i>angelus</i> (Dyar) [Cisthene]	930187	antica (Smith) [Anarta]	932844
<i>angitia</i> (Druce) [Deinopa]	930752, N102	antica (Walker) [Euchaetes]	930416
<i>anguina</i> (Grote) [Lacinipolia]	933019	antica Crabo & Lafontaine [Agrotis]	933523
<i>anguina</i> (J.E. Smith) [Dasylophia]	930133	antica Lafontaine [Euxoa]	933366
<i>angulalis</i> (Hübner) [Palthis]	930551	Anticarsia	931077
<i>angulata</i> (Barnes & Lindsey) [Bandelia]	930740	antinympha (Hübner) [Catocala]	930766
<i>angulata</i> Smith [Perigonica]	932753	antipoda Strecker [Cucullia]	931524, N272
<i>angulidens</i> (Smith) [Syngrapha]	931228	antiqua (Linnaeus) [Orgyia]	930160
<i>angulilinea</i> Pogue [Schinia]	932122	antonio (Smith) [Schinia]	932151
<i>angulosa</i> (J.E. Smith) [Peridea]	930049	<i>antonita</i> (Dyar) [Cobubatha]	931276
<i>Angulostiria</i>	931687	antonito (Barnes) [Mimobarathra]	933187
<i>angusi</i> Grote [Catocala]	930770	anubis Troubridge [Sympistis]	931868
<i>angusii</i> Grote & Robinson [Datana]	930034	anweileri Troubridge & Lafontaine [Sympistis]	931912
<i>angustiora</i> (Barnes & McDunnough) [Scevesia]	930056	anxia Smith [Stylopoda]	931786
<i>Anhimella</i>	933085	Anycteola	931638
<i>Anhypotrix</i>	933183	Aon	930632
<i>Anicla</i>	933212	aon Druce [Lascoria]	930548
<i>anilis</i> (Drury) [Argyrostrotis]	930956	aonides (Strecker) [Litodonta]	930063
<i>anna</i> (Grote) [Grammia]	930245	<i>apachea</i> Clarke [Arachnis]	930329
<i>annae</i> Brown [Allerastria]	930745	Apamea	932294
<i>Annaphila</i>	931734	apamiformis (Guenée) [Apamea]	932302
<i>annexa</i> (H. Edwards) [Caenurgina]	930921	Apantesis	930278
<i>annulalis</i> (Grote) [Hypena]	930581	apanthea Anweiler [Panthea]	931393, N240
<i>annulata</i> (Guérin-Ménéville) [Zunacetha]	930139	apela (Druce) [Tarache]	931340, N229
<i>annulimacula</i> (Smith) [Orthosia]	932780	apep Troubridge [Sympistis]	931806
<i>annulipes</i> (Smith) [Euxoa]	933361	Apeplopora	930450
<i>annulosa</i> (Walker) [Lophocampa]	930375	apera Druce [Nola]	931138
<i>anoa</i> (Dyar) [Bellura]	932516, N485	aperta Walker [Iscadia]	931147
<i>Anoba</i>	N101	Apharetra	N329
<i>anodonta</i> (Guenée) [Conservula]	932293	aphyla (Hampson) [Nola]	931134
<i>anomala</i> Benjamin [Acsala]	930173	apiata (Grote) [Epiglaea]	932603

apicalis (Grote & Robinson) [Schizura]	930102	argentifascia Barnes & McDunnough [Schinia]	932163
apicalis (Herrich-Schäffer) [Spragueia]	931391	argentina Druce [Didugua]	930137
apicalis (Walker) [Clostera]	930009	argentoppida McDunnough [Protorthodes]	933107
apicalis Herrich-Schäffer [Agrotis]	933527	Argentostiria	931758
apicata Barnes & McDunnough [Phytometra]	930718	argillacea (Hübner) [Alabama]	930611
apicina Herrich-Schäffer [Orodesma]	930917	Argillophora	931299
apicosa (Haworth) [Homophoberia]	932025	Argyrogramma	931166
apis Troubridge [Sympistis]	931902	Argyrostrotis	930947
Aplectoides	933567	arida (Skinner) [Eudesmia]	930174
Apocrisias	930379	arida (Smith) [Tarache]	931360
apopsis Troubridge & Lafontaine [Euxoa]	933333	arietis (Grote) [Psammopolia]	933011, N579
appalachensis (L. Butler) [Hypena]	930569, N49	<i>arioch</i> Strecker [Acronicta]	931485, N258
appassionata (Harvey) [Papaipema]	932467	Aristaria	930542
apposita (Barnes & McDunnough) [Sympistis]	931816, N319	arivaca (Barnes) [Hoplolythodes]	931679, N299
apposita (Grote) [Abagrotis]	933654	<i>arizona</i> Smith [Cucullia]	931512, N268
<i>approximata</i> Strecker [Schinia]	932116	<i>arizonae</i> (H. Edwards) [Ponometia]	931334
aprica (Hübner) [Tarache]	931343	<i>arizonae</i> Grote [Catocala]	930809, N111
apropria (Benjamin) [Xestia - ssp.]	933596	arizonata (Barnes & Benjamin) [Pleromelloida]	931779
Apsaphida	931570	arizonensis (Barnes) [Sympistis]	931887
apta (Walker) [Eudocima]	930624, N68	arizonensis (Rothschild) [Carales]	930386
aqualis (Grote) [Sympistis]	931876, N323	<i>arizonensis</i> Hardwick [Schinia]	932122, N376
<i>ar</i> Strecker [Schinia]	932116	<i>arizonensis</i> Lafontaine [Euxoa]	933441, N629
arabella (Dyar) [Dichagyris]	933241, N608	arizoniense (Stretch) [Notarctia]	930277
Arachnis	930327	armata Grote [Fota]	931630
araealis of auth. [Bleptina]	930521, N42	artega (Barnes) [Lophoceramia]	933204
"Araeopteron"	930656	artesta (Smith) [Sideridis]	932905
araliae Bird & Jones [Papaipema]	932491	arthrolita (Harvey) [Orthosia]	932772
arbora (Barnes & McDunnough) [Mesapamea]	932371	Arugisa	930634
arcadia Barnes & Benjamin [Xylotype]	932701, N514	arvalis Grote [Axenus]	931733
archaia L. & D. Handfield [Capis]	931298	arvalis H. Edwards [Annaphila]	931738
Archanarta	N656	Ascalapha	930759
arcigera (Guenée) [Paectes]	931117	Aseptis	932626
arcigera (Guenée) [Schinia]	932134, N377	"Aseptis"	932649
Arctia	930290	asopialis (Guenée) [Palthis]	930552
arctivorens Hampson [Papaipema]	932492	<i>aspasia</i> Strecker [Catocala]	930809, N114
arcuata Pogue & Ferguson [Cutina]	930966	aspersa Grote [Alexicles]	930320
ardita Franclemont [Euclidia]	930930	assimilans Walker [Phragmatobia]	930334
arefacta (H. Edwards) [Schinia]	932157	assimilis (Grote) [Tarache]	931344
areli (Strecker) [Tarache]	931356, N231	assimilis (Morrison) [Melanchra]	932877
areloides Barnes & McDunnough [Tarache]	931355	astarte Doubleday [Heterocampa]	930069
arena Troubridge & Lafontaine [Protopygia]	933298	astartoides Benjamin [Heterocampa]	930070
arenarius Neil [Agrotis]	933520	asteroides Guenée [Cucullia]	931504
arge (Drury) [Grammia]	930240, N17	astigma (Smith) [Cucullia]	931528
argentata (Packard) [Lophocampa]	930368	astigmatosum (Dyar) [Plagiomimicus]	931655
argentata Barnes & McDunnough [Provia]	931560	astricta Morrison [Eurois]	933561
argenteostriata Barnes & McDunnough [Hemigrotella]	931720	astrigata (Barnes & McDunnough) [Sympistis]	931922
		astrologa Barnes & McDunnough [Annaphila]	931742

astuta Bird [Papaipema]	932482	auripennis Lafontaine [Euxoa]	933441
atara (Smith) [Lithophane]	932556	auripurpura (A. Blanchard) [Hydroeciodes]	933209
aterrima (Grote) [Sympistis]	931805	aurivitta Grote & Robinson [Cydosia]	931254
<i>atha</i> Strecker [Agrotis]	933517, N638	aurora (J.E. Smith) [Hyparpax]	930115
Athetis	932269	aurostriata Graef [Hyparpax]	930118
Athyra	931084	aurulenta (Smith) [Euxoa]	933330
atlantica (Grote) [Lacanobia]	932879	australis (Grote) [Baileya]	931154
atlantica Troubridge & Lafontaine [Neoligia]	932389	australis (Mustelin & Leuschner) [Acronicta]	931490
<i>atlinensis</i> (Barnes & Benjamin) [Acronicta]	931489	australis Anweiler [Panthea - ssp.]	931396
atocala Brou [Catocala]	930786	australis Hardwick [Heliothis]	932048
atomaria (Smith) [Hypena]	930573	australis Schweitzer [Metaxaglaea]	932600
atomaris (Smith) [Euxoa]	933345	austrina (Lafontaine) [Feltia]	933497
atomaris Hübner [Phoberia]	930862	austrina Hardwick [Euxoa]	933338
atrata (Morrison) [Xestia]	933600, N660	Autographa	931191
atriclava (Barnes & McDunnough) [Apamea]		Autoplusia	931172
	932320, N443	auxiliaris (Grote) [Euxoa]	933309
atricollaris (Harvey) [Sympistis]	931944	avemensis (Dyar) [Schinia]	932182
atricornis Grote [Pachypolia]	932708	averna Barnes & McDunnough [Heterocampa]	930083
atrifrons (Grote) [Tesaerotis]	933636, N676	avimacula Hudson [Gluphisia]	930021
atrilinella (Grote) [Zanclognatha]	930493	aweme (Lyman) [Papaipema]	932507
atriluna Smith [Scoleocampa]	930638	axendra Schaus [Tarache]	931369, N235
atrinotum Crabo & Lafontaine [Copablepharon]	933288	Axenus	931733
atripennis Grote [Dahana]	930439	axis Guenée [Amyna]	931253, N199
atristrigata (Smith) [Euxoa]	933470	Azenia	931724
atristrigatus (Smith) [Acronicta]	931449	Azeta	931078
atrivenosa (Palm) [Dasychira]	930151	<i>babayaga</i> Strecker [Catocala]	930808, N114
atrolinea (Barnes & McDunnough) [Chrysoecia]		babi Troubridge [Sympistis]	931923
	931674, N300	baboquivariensis Barnes & Benjamin [Supralathosea]	
atrostriga (Barnes & McDunnough) [Caradrina]	932263		931572
atrosuffusa (Barnes & McDunnough) [Apamea]		badia (Packard) [Schizura]	930099
	932325, N440	badia Grote & Robinson [Catocala]	930767
attentus (Grote) [Euerettagrotis]	933570	badicollis (Grote) [Xestia]	933584
augur (Fabricius) [Graphiphora]	933563	badinodis (Grote) [Agnorisma]	933626, N670
<i>augusta</i> H. Edwards [Catocala]	930809, N110	badistriga (Grote) [Sympistis]	931821
augustipennis Grote [Tarache]	931365, N229	Bagisara	931240
augustus (Harvey) [Sympistis]	931865	bahamensis Hampson [Litoprosopus]	931098
aulaea Geyer [Arachnis]	930330	Baileya	931148
aurantiaca (H. Edwards) [Schinia]	932072	baileyi Grote [Lithophane]	932549
aurantiaca (Hübner) [Virbia]	930299	<i>bairdii</i> (Smith) [Anicla]	933221, N602
aurantiaca Lafontaine [Euxoa]	933389	baja Lafontaine [Euxoa]	933394
aurantiaco (Guenée) [Pyrrhia]	932042, N360	baja McCabe [Hypsoropha]	930630
auranticolor (Grote) [Apamea]	932326	bakeri (Dyar) [Sympistis]	931790
aurea (Grote) [Copanarta]	931781	balanitis (Grote) [Actebia]	933230, N606
aureolum (H. Edwards) [Plagiomimicus]	931649	<i>balba</i> (Grote) [Schinia]	932154
auricinctaria Grote [Melanomma]	930591, N54	balluca Geyer [Diachrysia]	931179
auricoma (Fabricius) [Acronicta]	N702	baloghi Troubridge [Sympistis]	931838
<i>aurifera</i> of auth. [Marimatha]	931287	Balsa	931417
auriginea Franclemont [Synorthodes]	933147		

balteata (Smith) [Sympistis]	931804	belfragei (Smith) [Abagrotis]	933687
balteata Smith [Tripudia]	931264	belfragei Grote [Heterocampa]	930080
baltimoralis Guenée [Hypena]	930562	<i>bella</i> (Linnaeus) [Utetheisa]	930348
Bandelia	930740	bella Barnes & Benjamin [Tarache]	931361
Baniana	930751	belladonna (H. Edwards) [Heliothis]	932052
Baptarma	932037	bellicula (Hübner) [Deltote]	931289, N216
baptisiae (Bird) [Papaipema]	932494	Bellura	932513
baranca Barnes [Tricholita]	933195	Bendisodes	930979
<i>barnesi</i> (Benjamin) [Abagrotis]	933676, N682	benesimilis McDunnough [Euplexia]	932290
barnesii (Dyar) [Cisthene]	930191	benitensis A. Blanchard [Heterocampa]	930079
barnesii (Smith) [Sympistis]	931907	benjamini (Lindsey) [Sympistis]	931936
barnesii Smith [Acronicta]	931481	benjamini Brower [Catocala]	930820, N118
<i>barometricus</i> (Goossens) [Ufeus]	932709	benjamini Hill [Lasionycta]	932987
Barrovia	N656	Benjaminia	932433
basalis (Grote) [Euxoa]	933431	berinda Druce [Perigea]	931988, N345
basalis Walker [Marathyssa]	931104	beringiana (Lafontaine & Kononenko) [Feltia]	933493
<i>basicinerea</i> (Grote) [Cobubatha]	931275	bernardino Mikkola & Mustelin [Apamea]	932342
basiflava (Packard) [Dasychira]	930148	Bertholdia	930390
basifugens (Dyar) [Sympistis]	931933	bes Troubridge [Sympistis]	931957
basigera (Walker) [Enigmogramma]	931167, N182	<i>besla</i> (Skinner & Mengel) [Sympistis]	931931, N336
Basilodes	931676	beta (Barnes & Benjamin) [Caradrina]	932259, N416
basiochrea Barnes & McDunnough [Chamaeclea]	931760	bethunei (Grote & Robinson) [Lithophane]	932533
basipallida Barnes & McDunnough [Oxycilla]	930596	bethunei (Smith) [Zale]	931040
basiplaga (Smith) [Lacinipolia]	933043	<i>betsia</i> Smith [Fishia]	932693
basipuncta (Barnes & McDunnough) [Cucullia]	931531	betulae Riley [Acronicta]	931429
basipunctaria (Walker) [Sigela]	930659	<i>beutenmuelleri</i> Barnes & McDunnough [Catocala]	
basistriga (McDunnough) [Hypocoena]	932428, N474		930838, N110
basistriga Lafontaine, Ferris & Walsh [Hypotrix]	933176	bibitrix (Hübner) [Coenipeta]	930990
basitriens (Walker) [Peridea]	930048	bicarnea (Guenée) [Pseudohermonassa]	933629, N673
basivirida (Barnes & McDunnough) [Pseudanarta]	932734	bicava Lafontaine [Saelotis]	933555
baueri (Buckett) [Egira]	932786	bichorda (Hampson) [Rifargia]	930057
baueri McDunnough [Abagrotis]	933677	biclavis (Grote) [Protogygia]	933305
<i>baueri</i> McElvare [Schinia]	932094	bicollaris (Grote) [Euxoa]	933417
baueri Rindge & Smith [Annaphila]	931741	bicolor (Grote) [Eilema]	930217
baueri Selman & Leuschner [Lacinipolia]	933055	bicolor Barnes & McDunnough [Phoenicophanta]	931281
beameri Todd [Acronicta]	931451	bicolor McDunnough [Behrensia]	931776
beanii (Grote) [Trichordestra]	932888	bicolorago (Guenée) [Sunira]	932616, N491
beanii (Neumögen) [Neoarctia]	930235	bicolorata (Barnes & McDunnough) [Ponometia]	931307
beata (Grote) [Anicla]	933225	bicolorata (Grote) [Neleucania]	933167
beeriana Bird [Papaipema]	932508	bicuspidata Smith [Schinia]	932131
begallo (Barnes) [Condica]	932010	bicuspis Borkhausen [Furcula]	N7
behrensi (Grote) [Sympistis]	931798	bidens Geyer [Gonodonta]	930620, N65
Behrensia	931775	bidentata Walker [Nerice]	930018
behrensiana (Grote) [Orthosia]	932769	biedermani (Skinner) [Crinodes]	930053
behrii (Stretch) [Grammia]	930260	biedermani Barnes & McDunnough [Schizura]	930097
behrii Smith [Acontia]	931374, N236	<i>bifascia</i> (Hübner) [Schinia]	932092
belae Grote [Didasys]	930459	bifasciata (Smith) [Euxoa]	933355

biforma Smith [Schinia]	932143	bolanderi (Stretch) [Grammia]	930263
biformata H. Edwards [Drasteria]	930897	bollii (Grote) [Agnorisma]	933628
biformata Lafontaine & Walsh [Bryolymnia]	932244	bolteri (Smith) ["Orthodes"]	933140
biformata Lafontaine [Anicla]	933220	bolteri (Smith) [Xestia]	933587
biformata Smith [Euxoa]	933313	bolteri Stretch [Euchaetes]	930415
bigallis (Smith) [Metalectra]	930681	Bomolocha	N48
bijugalis Walker [Hypena]	930564	bonaerensis (Berg) [Autographa]	N700
bilimeki (Felder & Rogenhofer) [Tarache]	931370	bonuscula (Smith) [Pleromelloida]	931778
bilinealis (Barnes & McDunnough) [Macristis]	930556	boogeri Troubridge [Lithophane]	932568
bilineata (Barnes & McDunnough) [Abablemma]	930652	borea (Aurivillius) [Syngrapha]	931220
bilineata (Packard) [Lochmaeus]	930091	borealis (Guérin-Méneville) [Furcula]	930024, N7
bilineata (Smith) [Metria]	930993	borealis (Hampson) [Heliothis]	932053
biloba (Stephens) [Megalographa]	931209, N192	borealis (Smith) [Brachionycha]	931558
bimaculata (Herrich-Schäffer) [Alypiodes]	931977	borealis Lafontaine & Poole [Euchalcia]	931181
bimaculata (Stephens) [Autographa]	931200	boreana (Lafontaine) [Feltia]	933492
bimarginalis (Grote) [Abagrotis]	933656	Boryzops	930916
bimatrix (Harvey) [Schinia]	932063	bostoniensis (Grote) [Euxoa]	933353
bina (Guenée) [Schinia]	932150	boucheri Barbut & Lalanne-Cassou [Neophaenis]	
binda Barnes [Grotella]	931708		932279, N429
binocula (Grote) [Ponometia]	931313	bowmani Ferguson & Schmidt [Grammia]	930268
binotata (Walker) [Aseptis]	932634	<i>brachiolum</i> (Harvey) [Lacinipolia]	933016
birdi (Dyar) [Papaipema]	932478	Brachionycha	931558
biren (Goeze) [Papestra]	932893	Brachylomia	932652
Bistica	931761	brachyptera Troubridge & Lafontaine [Arctia]	930292
bistrialis (Geyer) [Doryodes]	930925	<i>brannani</i> (Stretch) [Alypia]	931981, N342
bistriaris Hübner [Parallelia]	930961	brauneata (Swett) [Sigela]	930657, N79
bistrigata (Barnes & McDunnough) [Nacopa]	931628	brehmei (Barnes & McDunnough) [Bellura]	932515
bistrigata Hübner [Pritchodis]	930934	brenda (Barnes & McDunnough) [Papestra]	932895
bisulca (Grote) [Tricholita]	933200	brevipennis (Smith) [Euxoa]	933438
Biturix	930395	brevipennis Stretch [Eudryas]	931965
biundata Walker [Heterocampa]	930087	bridghamii (Grote & Robinson) ["Oligia"]	932382
biundulalis (Zeller) [Lineostriastiria]	931667	brillians (Barnes) [Miracavira]	931567, N283
biundulata Smith [Schinia]	932070	brillians (Neumögen) [Eupseudomorpha]	931976
bivittata (Grote) [Macrochilo]	930506	<i>brillians</i> Barnes & McDunnough [Euplexia]	932289, N434
bivittata Clemens [Ectypia]	930420	brillians Schmidt [Grammia]	930261
bivittata Lafontaine [Euxoa - ssp.]	933331	brimleyana (Dyar) [Abablemma]	930651
blakei (Grote) [Grammia]	930269	briseis W. H. Edwards [Catocala]	930804
blanca Barnes [Grotella]	931703	<i>brocha</i> of auth. [Euxoa]	933307
<i>blanca</i> Hardwick [Schinia]	932169, N385	brouana Ferguson [Bagisara]	931251
blanchardi (Hogue) [Stiria]	931691	broui Lafontaine [Dichagyris]	933253
blanchardi McElvare [Grotella]	931716	<i>browerorum</i> Johnson [Catocala]	930824, N117
blanchardi Todd [Opsigalea]	931542	browni Mustelin & Leuschner [Acronicta]	931448
blandula Hulst [Catocala]	930851	brucei (H. Edwards) [Clostera]	930008
Bleptina	930520	brucei (H. Edwards) [Neoarctia]	930236
bloomfieldi Mustelin [Orthomoia]	932418	<i>brucei</i> (Smith) [Cucullia]	931536, N268
bochus (Morrison) [Euxoa]	933307, N618	brucei (Smith) [Xylena]	932523
bohemani (Staudinger) [Lasionycta - ssp.]	932970, N567	<i>brucei</i> Smith [Schinia]	932154

Buceia	930213	caesia Hawks [Catocala]	930818
brumosa Guenée [Acronicta]	931472	caesium (A. Blanchard & Knudson) [Plagiomimicus]	
brunnea Barnes & McDunnough [Schinia]	932162, N381		931652
brunnea Crabo & Lafontaine [Lasionycta]	933000	caja (Linnaeus) [Arctia]	930290
brunnea Schaus [Pseudhapigia]	930120	calami (Harvey) [Cosmia]	932672
brunnea Stretch [Ctenucha]	930438	calceolaris (Strecker) [Pseudorthodes]	933129
brunneicollis (Grote) [Protolampra]	933649	calgary (Smith) [Diarsia]	933531
brunneicrista Smith [Hyppa]	932667	calidior (Forbes) [Leucania]	932964
brunneigera (Grote) [Euxoa]	933415	Calidota	930384
brunneipennis (Grote) [Abagrotis]	933683, N684	calientensis Mustelin [Protoperigea]	932255
brunneoatra Strand [Amphipyra]	931547	californiae (McDunnough) [Sympistis]	931913, N329
brunneomedia McDunnough [Anaplectoides]	933566	californiae (Walker) [Leptarctia]	930336
bryanti (Benjamin) [Xestia]	933614, N667	<i>californiae McDunnough [Feltia]</i>	933500
bryanti Barnes [Zanclognatha - ssp.]	930501, N39	californica (Buckett & Bauer) [Petalumaria]	931597
Bryolymnia	932240	californica (Smith) [Homoglaea]	932526
bucetum (Grote) [Ptychodis]	930937	californica (Speyer) [Autographa]	931193
buchholzi (Barnes & Benjamin) [Agrotis]	933524	californica Behr [Hypena]	930585
buchholzi McDunnough [Zale]	931041	californica Packard [Phryganidia]	930138
buchis Troubridge [Sympistis]	931903	californica W. H. Edwards [Catocala]	930803
bucketti Selman & Leuschner [Lacinipolia]	933054	californiensis Brower [Catocala]	930822
buffaloensis (Grote) [Parapamea]	932464, N480	callaisata A. Blanchard [Paramiana]	931586, N285
bugrai (Koçak) [Agnorisma]	933627, N672	calligrapha (Hampson) [Phyprosopus]	931102
Bulia	930885	Callistege	930918
bullula (Grote) [Amyna]	931252, N198	callitrichoides Grote [Phyprosopus]	931101
bultata (Smith) [Aseptis]	932647	Callopietria	932190
buraetica (Staudinger) [Autographa]	931195, N191	Calophasia	931771
burgessi (Morrison) [Apamea]	932339, N444	calycanthata (J.E. Smith) [Zale]	931050
burserae (Dyar) [Paectes]	931109	Calyptra	930612
buscki (Barnes & Benjamin) [Lacinipolia]	933074	camalpa (Dyar) [Euxoa]	933350
buta Smith [Schinia]	932097	camina (Smith) [Caradrina]	932258
buto Troubridge [Sympistis]	931919	caminalis Smith [Hypenula]	930528
buxea (Grote) [Bagisara]	931244	campestris (Grote) [Euxoa]	933379
cacata Guenée [Ephyrodes]	931083	cana H. Edwards [Orgyia]	930163
cacuminalis (Walker) [Hypenula]	930527	cana Lafontaine [Euxoa]	933388
cadaverosa Strecker [Hypoprepia]	930206	canadensis (Bethune) [Calyptra]	930612
cadburyi Franclemont [Comachara]	931499, N262	canadensis Troubridge & Lafontaine [Neoligia]	932388
cadmia Guenée [Hemiceras]	930054	canariana McDunnough [Copablepharon]	933282
caducus (Dyar) [Hypenodes]	930661	candefacta (Hübner) [Ponometia]	931314
caeca Dod [Pseudanarta]	932735	<i>candida (Smith) [Egira]</i>	932794, N532
caelestis Troubridge & Crabo [Hadena]	932917	candida Lintner [Cerura]	930031
<i>caeneusalis (Walker) [Simplicia]</i>	930504	canescens Lafontaine [Eucoptocnemis]	933262
Caenurgia	930938	canicosta Franclemont [Symmerista]	930128
Caenurgina	930921	caniplaga (Walker) [Ellida]	930051
caerulea (Grote) [Caenurgina]	930922	canities (Hampson) [Lacinipolia]	933033
<i>caerulea Beutenmüller [Catocala]</i>	930801, N110	canoa (Barnes) [Paramiana]	931590
<i>caesarea Smith [Acronicta]</i>	931470, N255	cansa Smith [Pseudacontia]	931774
caesia Crabo & Lafontaine [Lasionycta]	933001	capax (Grote) [Xylotype]	932700

Capis	931297	Catabenoides	931767
<i>capnota</i> (Smith) [Dichagyris]	933236	cataclivis (Dyar) [Dichagyris]	933233, N608
capota (Smith) [Dichagyris]	933236	catagellus Dyar [Anomis]	N693
Capsula	932438	catalina (Barnes & McDunnough) ["Hexorthodes"]	
capsularis (Guenée) [Hadena]	932911		933156
captiosa Draudt [Disphragis]	930092, N10	catalina (Smith) [Aseptis]	932627
cara (Barnes & McDunnough) [Aseptis]	932642	<i>catalina</i> (Smith) [Ponometia]	931332, N227
cara Guenée [Catocala]	930812	cataphracta (Grote) [Papaipema]	932497
cara Möschler [Cecharismena]	930747	catenula (Grote) [Euxoa]	933404
Caradrina	932256	catilina (Druce) [Ozarba]	931304
caradrinalis Guenée [Bleptina]	930520	Catocala	930761
Carales	930386	caudata (Walker) [Hypercompe]	930324
carancahua A. Blanchard & Franclemont [Marilopteryx]		Caularis	931971
	933203	Cecharismena	930747
carbonaria (Harvey) [Homoglaea]	932529	Celaena	N479
<i>carbonifera</i> (Hampson) [Polia]	932869	celeris (Grote) [Heliolonche]	932186
Cargida	930052	celia (Cramer) [Metria]	930994
carina Harvey [Acopa]	931626	<i>celia</i> (Saunders) [Grammia]	930253
cariosa (Guenée) [Apamea]	932300, N436	<i>celia of auth.</i> [Grammia]	930251
carissima (Harvey) [Adelphagrotis]	933642, N679	celineata Schmidt [Grammia - ssp.]	930248
carissima Hulst [Catocala]	930813, N112	Celiptera	930940
carlotta Ferguson [Apantesis]	930281	cellaris (Guenée) [Melipotis]	930872
carminata (Smith) [Nephelodes]	932814	celsa (H. Edwards) [Syngrapha]	931229
carminatra (Smith) [Schinia]	932183	cemolia Franclemont [Anicla]	933213
carmosina Neumögen [Schinia]	932144	centralis (Smith) [Apamea]	932330
carneicosta Guenée [Panopoda]	931090	<i>centralis</i> McDunnough [Panthea]	931396
carneola (Guenée) [Pseudeustrotia]	932205, N399	cephalica (Grote & Robinson) [Crambidia]	930227
carneola (Smith) [Homoanarta]	932747	cephalica Smith [Stylopoda]	931783
carneola McDunnough [Homorthodes]	933097	Cephalospargeta	931140
carnosa (Grote) [Psectraglaea]	932608	Cerapteryx	932808
carolina (H. Edwards) [Nelphe]	930446	Cerastis	933536
carolina (Smith) [Argyrostromis]	930950	cerata Franclemont [Chaetaglaea]	932604
<i>carolina</i> Schweitzer & McCabe [Agrotis]	933524, N639	Cerathosia	931301
carolinensis (Barnes & McDunnough) [Schinia]	932065	cereella (Bosc) [Nola]	931131
carolus McDunnough [Heliolonche]	932185	cerina (Grote) [Papaipema]	932466
carolynae Crabo [Lasionycta]	932997	cerintha (Treitschke) [Cerma]	931501
carterae (Schweitzer) [Photodes]	932420, N471	Cerma	931500
Carteris	930544	cerogama Guenée [Catocala]	930794
caryae Harris [Lophocampa]	930370	ceromatica (Grote) [Pyreferra]	932585
cascadia Troubridge & Lafontaine [Brachylomia]	932661	Cerura	930030
casta (Packard) [Crambidia]	930225	cerussata (Grote) [Papaipema]	932470
casta H. Edwards [Annaphila]	931750	cervina (H. Edwards) [Euros]	932404
castalla (Barnes & McDunnough) [Euchaetes]	930410	<i>cervina</i> (Smith) [Condica]	931999
<i>castanea</i> (Grote) [Apamea]	932333	cervinoides (Strecker) [Grammia]	930270
castanea Lafontaine [Euxoa]	933433	cetes (Druce) [Virbia]	N688
castrae (Barnes & McDunnough) [Anarta]	932829	Chaetaglaea	932604
Catabena	931765	chagnoni Barnes & McDunnough [Xylomoia]	932416

chalcedonia (Hübner) [Elaphria]	932230	ciliata Smith [Schinia]	932174
Chalcopasta	931695	ciliata Smith [Sympistis]	931962
chalybdis (Troubridge & Crabo) [Sympistis]	931908	cilicoides (Grote) [Nola]	931130
Chamaeclea	931759	cilisca (Guenée) [Pyrrhia]	932040, N359
Chamyla	N686	cincta Barnes & Benjamin [Euxoa]	933399
chandleri (Grote) [Sympistis]	931857, N322	<i>cincta</i> Smith [Kakopoda]	930995, N143
Characoma	N176	cinctipalpis (Smith) [Coxina]	930985
characta (Grote) [Aseptis]	932648	cinctipes Grote [Halysidota]	930364
Charadra	931404	cinctus (Smith) [Metalectra]	930689
charlotta Brou [Catocala - ssp.]	930847, N113	cinderella Smith [Raphia]	931415, N249
charon Poole [Cucullia]	931521	cinefacta (Grote) [Apamea]	932318
chartaria (Grote) [Anarta]	932825, N537	cinerascens (Smith) [Xestia]	933576
chea Druce [Acontia]	931376	cinerea (Smith) [Pleromelloida]	931780
chelidonia Grote [Catocala]	930825	cinerea (Walker) [Furcula]	930025, N8
Chersotis	933550	cinerea Smith [Epidemas]	932650
cherti Troubridge [Sympistis]	931897	cinereana Neumögen & Dyar [Nycteola]	931144
chico Lafontaine & Troubridge [Alastria]	932288	<i>cinereicollis</i> (Grote) [Setagrotis]	933634
chihuahua A. Blanchard & Knudson [Tripudia]	931259	cinereola (Guenée) [Ogdoconta]	932018
chimoensis Hardwick [Euxoa]	933334, N622	cinereola Smith [Selicanis]	932512, N480
chionanthi (J.E. Smith) [Sympistis]	931906, N328	cinereopallidus (Smith) [Euxoa]	933472
chipeta Barnes [Tricholita]	933199	cineritia (Grote) [Xylena]	932522
Chirconia	N100	cinnabarina Barnes & McDunnough [Euxoa]	933373
chiriquensis Dyar [Datana]	930045	cinnamicolor Ferguson [Meropleon]	932410
chisosensis A. Blanchard & Franclemont [Zale]	931028	cinnamomea (Grote & Robinson) [Dasychira]	930152
chloropha (Hübner) [Caenurgia]	930938	cinnamomea (Herrich-Schäffer) [Eublemma]	930694, N89
chlorostigma (Harvey) ["Oligia"]	932377, N466	circumcincta (Smith) [Lacinipolia]	933046
Choephora	933543	circumdata (Grote) [Trichofeltia]	933186
chons Troubridge [Sympistis]	931881	circumlucens (Smith) [Papaipema]	932477
chorda (Grote) [Sympistis]	931915	circumvadis (Smith) [Hadena]	932916
choris (Harvey) [Euxoa]	933427	Cirrhophanus	931680
chortalis (Harvey) [Richia]	933263	cirripalea Franclemont [Eupsilia]	932589
Chrysanympha	931186	Cisseps	930440
chryselectra (Grote) [Hemibryomima]	932728	Cissusa	930864
chryselloides Pogue & Harp [Schinia]	932172	Cisthene	930176
chrysellus (Grote) [Schinia]	932171, N386	citeria A. Blanchard & Knudson ["Hexorthodes"]	933157
chryseochilus (Dyar) [Angulostiria]	931687, N304	citra Neumögen & Dyar [Arachnis]	930329
chrysitis (Guérin-Méneville) [Macrocneme]	930449	citricolor (Grote) [Euxoa]	933445
Chrysodeixis	931170	citrinellus (Grote & Robinson) [Schinia]	932067
Chrysoecia	931672	citrombra Franclemont [Pyreferra]	932584
chrysopsis Grote [Basilodes]	931678	citronella Barnes & McDunnough [Grotella]	931714
chrysorrhoea (Linnaeus) [Euproctis]	930171	clandestina (Harris) [Saelotis]	933554
<i>chunka</i> (Smith) [Anarta]	932838, N539	clappiana Holland [Gnophaela]	930352
churchillensis (McDunnough) [Euxoa]	933324	clarescens Guenée [Acronicta]	931460
Chytolita	930502	clarki Barnes & McDunnough [Euaontia]	930742
Chytonix	932713	clauda Grote [Escaria]	932815, N535
cibalis (Grote) [Sympistis]	931859	claudens (Walker) [Eremobina]	932372, N462
cicatricosa (Grote & Robinson) [Euxoa]	933462	claufacta (Walker) [Condica]	931999, N347

clausa McDunnough [Euxoa]	933437	<i>coloradensis</i> Putnam-Cramer [Raphia]	931412
clausula (Grote) [Ponometia]	931310	<i>colorado</i> (Smith) [Sympistis]	931857
clavipalpis (Scopoli) [Caradrina]	932265, N419	<i>colorado</i> (Smith) [Xestia]	933594
clavipes (Boisduval) [Poliopastea]	930464	<i>colorado</i> (Smith) [Zale]	931051
clemens (Smith) [Rhyacia]	933549, N645	<i>columbia</i> (Barnes & Benjamin) [Hydraecia]	932463
Clemensia	930215	<i>columbia</i> (McDunnough) [Sympistis]	931894
clementei Meadows [Zosteropoda]	933164	<i>columbia</i> Crabo & Lafontaine [Copablepharon]	933274
cleopatra Strecker [Catocala - ssp.]	930801, N114	<i>columbiana</i> (H. Edwards) [Nycteola]	931143
cleopatra Troubridge [Sympistis]	931900	<i>columbica</i> (McDunnough) [Anarta]	932833, N538
cleoriformis Barnes & McDunnough [Homocerynea]		Comachara	931499
	930746, N98	comes Hübner [Noctua]	933552, N647
cleta (Druce) [Spragueia]	931383	comis (Grote) [Lacinipolia]	933062
clethrae Dyar [Nola]	931136	comma (Linnaeus) [Leucania]	N715
clientis (Grote) [Toxonprucha]	931002	<i>commoda</i> (Butler) [Anomis]	930604, N61
clinopetes (Dyar) [Aleptina]	931636, N291	<i>commoda</i> (Walker) [Apamea]	932329, N442
clintoni Grote [Catocala]	930853	commoides Guenée [Leucania]	932947
clio (Packard) [Ectypia]	930422	communis (Dyar) [Homorthodes]	933090
cloanthoides (Grote) [Rhizagrotis]	932686	comosa (Morrison) [Euxoa]	933405
Clostera	930003	complana (Linnaeus) [Eilema]	N687
clymene (Brown) [Haploa]	930341	complicata (Walker) [Grammia]	930273
<i>c-nigrum</i> (Linnaeus) [Xestia]	933588	Composia	930349
cnossia (Druce) [Diastema]	932029	composita H. Edwards [Eulithosia]	931683
coachella Hill [Litoprosopus]	931099	compressipalpis Guenée [Plusiodonta]	930622
Cobalos	932407	comstocki (Grote) [Feralia]	931564
Cobubatha	931272	comstocki (McDunnough) [Cucullia]	931535
coccinata Grote [Catocala]	930837	comstocki Benjamin [Trichocerapoda]	933080
coccinea (H. Edwards) [Ptychoglène]	930208	comstocki McDunnough [Protopygia]	933291
cochliidioides Dyar [Psammathodoxa]	930631	cona (Strecker) [Euxoa]	933466
coconino Lafontaine [Euxoa]	933400	Concana	931157
cocytus Troubridge [Sympistis]	931872	conchiformis Grote [Behrensia]	931775
coelebs Grote [Catocala - ssp.]	930767, N111	conchis (Grote) [Xestia]	933574
Coenipeta	930990	concinna (J.E. Smith) [Schizura]	930103
Coenophila	933624	<i>concinna</i> Smith [Schinia]	932115
coercita (Grote) [Schinia]	932166, N383	concinimacula (Guenée) [Maliattha]	931296, N221
cogitata (Smith) [Apamea]	932345, N447	concinnulla (Walker) [Antiblemma]	931095
cognata (Smith) [Egira]	932792	concosa (Walker) [Condica]	931997
collaris (Fitch) [Cycnia]	930402	concosa of auth. [Idia]	930472, N30
<i>collaris</i> (Grote & Robinson) [Agnorisma]	933627	concors (Hübner) [Glympis]	930714
collaris Schaus [Nystalea]	930122	concumbens Walker [Catocala]	930814
collaris Troubridge [Sympistis]	931953	Condica	931989
Collomena	931156	condita (Guenée) [Aplectoides]	933567
Colobochyla	930590	condita Lafontaine [Euxoa - ssp.]	933312, N620
Colocasia	931400	conditoides (Benjamin) [Xestia - ssp.]	933608
colona (Hübner) [Haploa]	930342	confederata (Grote) [Condica]	932015
colorada (Smith) [Benjaminiola]	932433	configurata Walker [Mamestra]	932898
coloradensis (H. Edwards) [Oligocentria]	930108	confligens (Walker) [Litoprosopus]	931100
coloradensis (Richards) [Lasionycta]	932983, N572	confusa (Hübner) [Morrisonia]	932803

confusa (Lyman) [Haploa]	930346	Copicucullia	N272
confusa Barnes & Benjamin [Neogrotella]	931717	Copipanolis	N281
confusa McDunnough [Zale]	931036	Copivaleria	931557
congermana (Morrison) [Sideridis]	932907	coppyi (Guenée) [Epitausea]	931082, N162
congrua Walker [Spilosoma]	930309	coprocolor (Troubridge & Crabo) [Sympistis]	931793
conjugata (Smith) [Lasionycta]	932973	coquillettii Smith [Acontia]	931378
conjuncta (Barnes & McDunnough) [Cisthene]	930190	cora Barnes & McDunnough [Tarache]	931362
conjuncta (Smith) [Euxoa]	933465	cora Hübner [Cerma]	931500, N263
connecta (Smith) [Cropia]	931642	coracias (Guenée) [Pseudanthracia]	931015
connecta (Smith) [Fishia]	932692	coracina Crabo & Lafontaine [Lasionycta]	932980
connecta Grote [Acronicta]	931436	Coranarta	932863
connubialis Guenée [Catocala]	930858	cordata (Ljungh) [Callopietria]	932194
Conochares	N225	<i>cordigera</i> of auth. [ <i>Coranarta</i> ]	932863
conradi (Grote) [Apamea - ssp.]	932347	cordova (Barnes) [Nocloa]	931580
conserta (Grote) [Pleromelloida]	931777, N312	cornicalis (Fabricius) [Simplicia]	930504, N40
Conservula	932293	cornuta (Grote) [Cerastis]	933538
consimilis McDunnough [Lacinipolia]	933073	cornutinus Saluke & Pogue [Elaphria]	932235
consobrina (Guenée) [Neadysgonia]	930958	coronado C.B. Knowlton [Cisthene]	930194
consopita (Grote) [Ulolonche]	933119	coronides (Druce) [Neumoegenia]	N706
consors (J.E. Smith) [Catocala]	930763	corrodera (Smith) [Tesagrotis]	933638, N677
conspicua Dyar [Meganola]	931128	corusca (Smith) [Sympistis]	931795
consuela Strecker [Stiria]	931694	corusca (Strecker) [Autographa]	931201
contacta (Walker) [Andropolia]	932681, N506	Cosmia	932669
contadina (Smith) [Platypolia]	932697	cosmion Dyar [Meropleon]	932409
contempta (Guenée) [Argyrostromis]	930948	Cosmophila	N60
contenta Grote [Lithophane]	932572	Cosmosoma	930456
contexta Grote [Plusia]	931239	costa (Barnes & Benjamin) [Properigea]	932720
contigua (Walker) [Haploa]	930344	costaricana of auth. ["Lithacodia"]	931293, N219
continens (H. Edwards) [Properigea]	932721	costata (Grote) [Euxoa]	933432
continua Guenée [Isogona]	N694	costata (Stretch) [Virbia]	930295
contorta (Guenée) [Melipotis]	930876	costiplaga (Smith) [Micrathetis]	932032
contra (Barnes & Benjamin) [Lithophane]	932543	cosyra (Druce) [Euscirrhopterus]	931974
contracta Walker [Datana]	930037	cottami (A. Blanchard) [Sympistis]	931945
contradicta (Smith) [Apamea]	932354, N444	cottlei (McDunnough) [Amphipoea]	932449
contrahens (Walker) [Anhimella]	933086	Coxina	930985
contrasa McDunnough [Copablepharon - ssp.]	933282, N615	craboi Lafontaine [Pronoctua]	933692
contrasta (Barnes & McDunnough) [Euamiana]	931592	Crambidia	930218
contrasta Barnes & McDunnough [Litodonta]	930061	Crambodes	932030
contrasta McDunnough [Hyppa]	932665, N498	crassipes Smith [Podagra]	931721
convergens Mustelin [Drasteria]	930903	crassiuscula (Haworth) [Caenurgina]	930923
convexipennis Grote & Robinson [Cucullia]	931513	crataegi Saunders [Catocala]	930846
<i>cooki</i> McDunnough [Euxoa]	933482, N631	crenata (Esper) [Gluphisia]	N6
<i>coolidgei</i> Hill [Schinia]	932168	crenilinea Smith [Schinia]	932155
Copablepharon	933268	<i>crenulata</i> (Butler) [Orthodes]	933136, N590
Copanarta	931781	<i>cresina</i> (Smith) [Heliolonche]	932187
Copibryophila	931639	cressonana Grote [Ctenucha]	930434
		cretata (Grote & Robinson) [Acontia]	931375

Crimona	931610	cursoria (Hufnagel) [Euxoa]	933423
Crinodes	930053	curta (Morrison) [Lasionycta - ssp.]	933010
crista of auth. ["Eriopyga"]	933162, N595	curtica (Smith) [Protorthodes]	933103
cristata (Grote) [Apamea]	932299	curvata Grote [Capis]	931297
cristata Morrison [Homophoberia]	932024	curvicollis (Grote) [Sympistis]	931883
cristifera (Walker) [Papestra]	932894	curvifascia (Smith) [Brachylomia]	932657
crocea (H. Edwards) [Pseudanarta]	932736	curvilineata (Hampson) [Stibaera]	932016
Crocigrapha	932784	curviluna (Druce) [Renodes]	931076, N162
Cropia	931642	curvimacula (Morrison) [Xylena]	932520
crotchii (Grote) [Anarta]	932838	curvinella Guenée [Cydosia]	931256
crotchii (H. Edwards) [Schinia]	932085, N370	cuspeida (Hübner) [Euclidia]	930929
crotchii H. Edwards [Pseudalypia]	931380	cuta (Smith) [Ponometia]	931318
crucialis (Harvey) [Egira]	932791	Cutina	930963
crudelis (Grote) [Toxonprucha]	931001	cyanescens Guenée [Acronicta]	931426, N252
<i>crumbi</i> Franclemont [Abagrotis]	933663, N682	cyanympa (Ferguson) ["Elaphria"]	932239, N412
cruralis (Guenée) [Zanclognatha]	930498	Cycnia	930401
crustaria (Morrison) [Pseudacontia]	931773	Cydosia	931254
Crymodes	N444	cylindrica (Grote) [Afotella]	932821, N535
"Cryphia"	932195	cyminostris (Dyar) [Dichagyris]	933250
cryptica Eichlin & Cunningham [Syngrapha]	931226	cynica Guenée [Orthodes]	933138
cryptica Hardwick [Euxoa]	933339	czekanowskii Grun-Grasmailo [Hyperborea]	930238
cryptica Lafontaine [Abagrotis]	933684	dacia (Druce) [Tarache]	931352
Cryptocala	933553	dactylina Grote [Acronicta]	931424, N251
crytora (Franclemont) [Neoligia]	932391	daedalus (Smith) [Agrotis]	933507
Ctenoplusia	931169	daemonalis Franclemont [Pseudanarta]	932744
Ctenucha	930433	Dahana	930439
Cuahtemoca	931664	dama (Guenée) [Spragueia]	931382
cubana Grote [Heterocampa]	930076	damalis (Grote) [Psaphida]	931554
cubana Hampson [Mocis]	930946, N133	dammersi (McDunnough) [Cucullia]	931539
cucullatella (Linnaeus) [Nola]	931139, N175	damnata Franclemont [Pseudanarta]	932742
Cucullia	931504	damozela (Dyar) [Tripudia]	931257, N203
cucullidea Benjamin [Emariannia]	931543	<i>dana</i> Cassino [Catocala]	930844, N110
cuculliformis (Grote) [Apamea]	932313	danby (Neumögen & Dyar) [Spilosoma]	930315
cucullioides (Barnes & Benjamin) [Cucullia]	931530	danieli Quinter [Protopamea]	932360, N453
cuerva (Barnes) ["Cryphia"]	932200	danistica Grote [Annaphila]	931734
culea (Guenée) [Ulolonche]	933118	dapsilis (Grote) [Eucrotopcnemis]	933258
cumatilis (Grote) [Schinia]	932177	Dargida	932925
cunea (Drury) [Hyphantria]	930319	dargo (Strecker) [Euxoa]	933459
cuneata (Grote) [Lacinipolia]	933018	dasarata (Druce) [Micrathetis]	N705
cupentia (Cramer) [Condica]	932014	Dasyblemma	930666
cupes (Grote) [Schinia]	932084	Dasychira	930144
cupida (Grote) [Abagrotis]	933685	Dasylophia	930133
cupidissima (Grote) [Parabagrotis]	933645	Datana	930033
curema (Smith) [Zale]	931044	davena (Smith) [Lacinipolia]	933061
curialis (Grote) [Egira]	932794	<i>daviesi</i> (Barnes & Benjamin) [Protorthodes]	933105
curialis (Smith) [Mamestra]	932899	davisii H. Edwards [Halysidota]	930362
curiosum (Neumögen) [Plagiomimicus]	931654	dayi (Grote) [Sympistis]	931942

decepta (Grote) [Anarta]	932845	<i>denussa</i> Ehrman [Catocala]	930768, N110
deceptalis Walker [Hypena]	930567	depicta Grote [Annaphila]	931751
deceptiva (Barnes & Lindsey) [Sympistis]	931935	deridens (Guenée) [Charadra]	931406
deceptiva McDunnough [Feralia]	931562	Derrima	932039
decia Grote [Annaphila]	931753	desdemona H. Edwards [Catocala]	930817, N116
decipiens (Grote) [Sunira]	932617	deserta (Felder) [Cisthene]	930180
declarans (Walker) [Zale]	931025	deserta (Smith) [Sympistis]	931886
declarata (Walker) [Euxoa]	933378	Desertica	N610
declinata (Grote) [Paectes]	931110	<i>deserticola</i> (McDunnough) [Sympistis]	931878, N325
decliva (Grote) [Epiglaea]	932602	deserticola Barnes & Benjamin [Neotarache]	931300
decolor (Walker) [Enargia]	932674	deserticola Barnes & McDunnough [Schinia]	
decora (Morrison) [Lichnoptera]	931403		932086, N371
decoralis Hübner [Pangrapta]	930559	desertus H. Edwards [Lycomorpha]	930202
decorata Smith [Hypena]	930586	desperata (Smith) [Orthosia]	932775
deducta (Morrison) [Bulia]	930885, N125	<i>determinata</i> (Smith) [Lacinipolia]	933016
defecta (Grote) ["Photodes"]	932425, N473	detersa (Walker) [Euxoa]	933461
deffessa (Grote) [Scotogramma]	932860	detracta (Walker) ["Orthodes"]	933146, N591
definita (Barnes & McDunnough) [Sympistis]		detragens (Walker) [Lesmone]	930970
	931927, N332	detrita Guérin [Orgyia]	930165
definita Packard [Orgyia]	930166	devara (Druce) [Elaphria]	932229, N409
degasalis Walker [Hypena]	930582	devastator (Brace) [Apamea]	932350
degenerans Dyar ["Hyssia"]	933161, N594	devia (Grote) [Eupsilia]	932594
Deinopa	930752	dia (Grote) [Leucania]	932949, N560
dejecta Strecker [Catocala]	930780	diabolica Barnes & Benjamin [Metalectra]	930683
<i>dela of auth. [Chrysoecia]</i>	931674	Diachrysia	931178
delecta (Walker) [Tarache]	931349	diagonalis (Dyar) [Callistege]	930919
delecta Barnes & McDunnough ["Orthodes"]	933145, N591	Diarsia	933530
deleta (Guenée) [Argyrostromis]	930955	diasema (Boisduval) [Syngrapha]	931219
delicata (Dyar) [Oligocentria]	930113	Diastema	932028
delicata (Grote) [Trachea]	932280	Dichagyris	933231
delicata Barnes & McDunnough [Amolita]	931065	dickeli Lafontaine [Abagrotis]	933671
delilah Strecker [Catocala]	930816	Didasys	930459
delineata (Guenée) [Paectes]	931112	didonea (Smith) [Photodes]	932423, N472
delongi Selman & Leuschner [Lacinipolia]	933025	Didugua	930137
deltoides (Möschler) [Elaphria]	932231, N410	diffidens Dyar [Datana]	930043
Deltote	931289	difformis (Smith) [Euxoa]	933448
delunaris (Guenée) [Mimophisma]	931058	diffundens (Walker) [Argyrostromis]	930949
demaculata Barnes & McDunnough [Nephelodes]	932811	diffundens (Walker) [Toxonprucha]	931000, N144
demura Dyar [Bagisara]	931243	diffusa (Barnes) [Thurberiphaga]	931764
densa (Walker) [Bellura]	932518	<i>diffusa</i> (Grote) [Bellura]	932514
densa Smith [Scotogramma]	932849	diffusa (Walker) [Dargida]	932928
dentata (Grote) [Sympistis]	931911, N329	diffusa Smith [Schinia]	932118, N375
dentata Dyar [Meganola]	931126	digitalis (Grote) [Lemmeria]	932415
dentatella Grote [Trichopolia]	933184	<i>digitalis</i> Smith [Schinia]	932092
denticulalis (Harvey) [Idia]	930481	digitula Mustelin & Mikkola [Apamea]	932315
denticulata McDunnough [Abagrotis]	933675	digna (Morrison) [Anicla]	933219
dentilinea (Smith) [Dolocucullia]	931540, N278	dilara (Strecker) [Aseptis]	932641

dilatocula (Smith) [Lithophane]	932546	dissona (Möschler) [Euxoa]	933326
dilecta (H. Edwards) [Ulolonche]	933123	distans (Barnes & McDunnough) [Pseudobryomima]	
dilucida (Morrison) [Xestia]	933586		932729
dimidata (Smith) [Tripudia]	931266	<i>distans</i> (Grote) [Acronicta]	931477
dimidiata Grote [Plagiomimicus]	931648	distema (Grote) [Gabara]	930644
diminuendis (Barnes & McDunnough) [Idia]	930477	disticha (Morrison) [Ulolonche]	933124
diminutiva (Grote) [Heliothodes]	932036, N358	<i>distichoides</i> (Grote) [Richia]	933264, N612
dinalda (Smith) [Sympistis]	931823, N321	<i>distincta</i> (Barnes) [Caradrina]	932264
dinumeratalis Walker [Marimatha]	N214	distincta (Grote) [Cutina]	930964
Diodines	N100	<i>distincta</i> (Neumögen) [Caenurgina]	930923, N132
<i>dionea</i> (Smith) [Apamea]	932300	distincta Hübner [Achatia]	932800
dionyza H. Edwards [Catocala - ssp.]	930762	distinctoides Poole [Caradrina]	932264, N418
diphteroides (Guenée) [Leuconycta]	932026	distinguenda (Walker) [Rifargia]	930058
Diphthera	931410	distracta Walker [Eutelia]	N172
diplogramma (Schaus) [Hypotrix]	933171	ditta Barnes & McDunnough [Heterocampa]	930078
<i>diplopis</i> (Dyar) ["Hexorthodes"]	933152	diva Grote [Annaphila]	931754
<i>dipsaci</i> Grote & Robinson [Alypia]	931979, N340	divaricata (Grote) [Magusa]	932282, N430
dis Grote [Grotella]	931704	divergens (Behr) [Drasteria]	930902
discalis (Grote) [Metalectra]	930679, N83	divergens (Walker) [Euxoa]	933320
discalis (Grote) [Polia]	932865, N543	<i>divergens</i> (Walker) [Schinia]	932092
Discestra	N537	diversicolor (Morrison) [Meropleon]	932413
dischorda Troubridge [Sympistis]	931918	diversilineata (Grote) [Andropolia]	932680
discinigra (Walker) [Brachylomia]	932656	dives Smith [Homoglaea]	932528
discistriga (Smith) [Condica]	931991	divesta (Grote) ["Oligia"]	932386
discistriga (Smith) [Eulithosia]	931684, N303	dividua (Grote) [Cobubatha]	931277
<i>discivaria</i> (Walker) [Parastichtis]	932625	divinula Grote [Annaphila]	931747
discoidalis (Grote) [Abagrotis]	933667	divisa (Herrich-Schäffer) [Catabenoides]	931769
discolor (Smith) [Brachylomia]	932655, N497	Doa	930001
discolor (Smith) [Lasionycta]	933003, N578	dobla (Smith) [Schinia]	932098
discoloralis Guenée [Renia]	930532	<i>docilis</i> (Grote) [Richia]	933267, N612
<i>disconnecta</i> (Smith) [Tarache]	931370, N235	dodi McDunnough [Abagrotis]	933670
<i>disconnecta</i> of auth. [Tarache]	931369	dodi McDunnough [Euxoa]	933452
discors (Grote) [Fishia]	932691, N509	Dodia	930337
discreta (Barnes & McDunnough) [Homorthodes]	933092	dodii (Smith) [Trichordestra]	932887
discreta Stretch [Gnophaela]	930355	dolens (Druce) ["Dypterygia"]	932277
disfigurata Troubridge [Sympistis]	931947	dolichos (Fabricius) [Spodoptera]	932221
dislocata (Smith) [Diarsia]	933532	dolli (Barnes & McDunnough) [Acronicta]	931492
dispar (Linnaeus) [Lymantria]	930141	dollii (Grote) [Eucoptocnemis]	933261, N610
dispar (Smith) [Fishia]	932694, N511	Dolocucullia	931540
disparata (H. Edwards) [Androloma]	931985	dolosa (Barnes & Benjamin) [Lasionycta]	932993, N576
Disphragis	930092	dolosa (Grote) [Egira]	932795
disposita Morrison [Lithophane]	932537	dolosa Franclemont [Xestia]	933589
dispulsa Morrison [Charadra]	931408	<i>dolosa</i> Strecker [Schinia]	932117
disseverans (Walker) [Mocis]	930945	dominicata (Guenée) [Eulepidotis]	N697
dissimilis (Barnes & McDunnough) ["Eriopyga"]	N595	dominickaria Ferguson [Dasychira]	930155
dissimilis (Barnes & McDunnough) [Euamiana]	931594	dora Clarke [Nedra]	932285
dissociata (Barnes & McDunnough) [Peraniana]	932445	doris (Boisduval) [Grammia]	930241

doris Dimock & Troubridge [Sympistis]	931921	echo (J.E. Smith) [Seirarctia]	930308
dormitans (Guenée) [Baileya]	931150	ectrapela (Smith) [Hadena]	932919
dorneri (Barnes & McDunnough) [Ponometia]	931315	ectypa (Morrison) [Hadena]	932913
dorothea Dyar [Macrurocampa]	930068	Ectypia	930420
dorsalis Smith [Cucullia]	931518, N270	edentata Grote [Azenia]	931725
dorsalis Walker [Leucania]	932959, N561	<i>edentata Smith [Feltia]</i>	933498
dorsimacula (Dyar) [Cisthene]	930182	edictalis (Smith) [Euxoa]	933322
dorsipennata (Barnes & McDunnough) [Dasychira]		edictalis Walker [Hypena]	930575
	930145	edilis (Smith) [Metalectra]	930687
Doryodes	930925	<i>editha W. H. Edwards [Catocala]</i>	930815, N111
doubledayi (Guenée) [Baileya]	931148	editrix (Guenée) [Anomis]	930610
downesi Mikkola [Apamea - ssp.]	932351	edolata (Grote) [Acronicta]	931483
Drasteria	930888	eductalis Walker [Hypena]	930589, N53
drasteroides (Smith) [Trichocosmia]	932820	edusina (Harvey) [Zale]	931027
Draudtia	N352	<i>edwardsi Kusnezov [Catocala]</i>	930803, N110
drewseni (Staudinger) [Euxoa - ssp.]	933308	edwardsii (Behr) [Drasteria]	930899
drexelii H. Edwards [Datana]	930035	edwardsii (Grote) [Lymire]	930443
dribi Barnes & Benjamin [Papaipema]	932481	edwardsii (Packard) [Pseudohemihyalea]	930381
Dryotype	932702	edwardsii (Smith) [Anarta]	932842, N537
duanca (Smith) [Abagrotis]	933665	edwardsii (Smith) [Schinia]	932121, N375
dubia (Barnes & McDunnough) [Homorthodes]	933093	edwardsii (Stretch) [Grammia]	930274
dubia (Walker) [Spilosoma]	930310	egena (Guenée) [Autoplusia]	931172
dubitans (Walker) [Apamea]	932344	egenoides (Strand) [Autoplusia]	931174
dubitata McDunnough [Dichagyris]	933256	egens (Walker) ["Oligia"]	932383
ducta (Grote) [Mniotype]	932705, N516	egestis (Smith) [Condica]	932011
Dufayella	N177	Egira	932786
dulcinea Dyar [Emarginea]	931607	egle (Drury) [Euchaetes]	930412
dulciola Grote [Catocala]	930852	eglenensis (Clemens) [Pygarctia]	930431
dunbari (Harvey) [Sympistis]	931926	Eilema	930217
duomaculata (Barnes & Benjamin) [Abablemma]		Elaphria	932225
	930653, N76	"Elaphria"	932239
duovata (Bird) [Papaipema]	932496	elbea Smith [Raphia]	931414, N248
duplex (Troubridge & Mustelin) [Sympistis]	931845	elda (French) [Brachylomia]	932652
duplicata (Bethune) [Zale]	931038	<i>elda Behrens [Catocala]</i>	930795, N110
duplicatus (Smith) [Nocloa]	931585	eldana Smith [Perigonica]	932752
duplicatus Bird [Papaipema]	932503	electa Dyar [Eulepidotis]	931069, N157
Duriga	N100	electilis (Morrison) [Psaphida]	931552, N281
dusca Barnes & McDunnough [Crambidia]	930221	electilis Walker [Catocala]	930811
dyari Cockerell [Cirrhophanus]	931680	electra Smith [Ufeus]	932711, N524
dyari Hill [Stiria]	931690	electrica (Schaus) [Goniocarsia]	931080
Dypterygia	932272	elegans (Strecker) [Odontosia]	930013
"Dypterygia"	932277	elegans Stretch [Euchaetes]	930411
Dysgonia	N134	elegantula (Harvey) [Ponometia]	931334, N228
dysodea ([Denis & Schiffermüller]) [Hecatera]		elephas Troubridge & Lafontaine [Neoligia]	932400
	932909, N551	elevata (Smith) [Protogygia]	933297
Dyspyralis	930669	elimata (Guenée) [Xestia]	933583
Dysschema	930357	elingua (Smith) [Eucoptocnemis]	933260, N610
eccissica Dyar [Cucullia]	931523, N271		

elisae Lafontaine & Troubridge [Cosmia]	932671	erecta (Walker) [Lacinipolia]	933050
elizabeth Cass [Catocala]	930803, N110	eremna Franclemont [Apsaphida]	931570, N283
ellessyoo Brou [Baileya]	931153	Eremobina	932372
Ellida	930051	erepta (Grote) ["Amphipoea"]	932453
elongata (Stretch) [Grammia]	930266	erichi Brower [Catocala]	930803, N110
elongata Möschler [Cephalospargeta]	931140	eridania (Cramer) [Spodoptera]	932223
elonympha (Hübner) [Allotria]	930962	"Eriopyga"	933162
Elousa	930984	eriosoma (Doubleday) [Chrysodeixis]	931171, N185
elsa Beutenmüller [Catocala]	930809, N110	ernesta Smith [Schinia]	932094
elsinora (Barnes) [Tricholita]	933192	erestinana (Blanchard) [Phytometra]	930716
Elymiotis	930124	erosa Hübner [Anomis]	930602, N60
Emarginea	931605	erosa Smith [Schinia]	932161, N382
Emariannia	931543	errans Smith [Schinia]	932110
emendata A. Blanchard & Knudson ["Hexorthodes"]		erratica (Smith) [Abagrotis]	933650
	933158	erratica Barnes & McDunnough [Oxycnemis]	931616
emma L.G. Crabo & A. Crabo [Euxoa]	933362	errucata Dyar [Schizura]	930101
emmilta Franclemont [Matigramma]	931011	erycata (Cramer) [Syllectra]	931086
Empyreuma	930448	eryngii Bird [Papaipema]	932469
enalaga McDunnough [Protogygia]	933292	erythrolepis Dyar [Eucereon]	930445
Enargia	932674	erythrolita (Grote) [Orthosia]	932762
enargia (Barnes & Benjamin) [Resapamea]	932367, N457	Escaria	932815
endopolia (Dyar) [Euamiana]	931591, N285	escuintla (Schaus) [Hypocrita]	930350
enervata (Guenée) ["Photodes"]	932424, N473	esmeralda (Oberthür) [Polychrysia]	931182, N187
Engelhardtia	933191	espea Smith [Schinia]	N716
enigmatica Lafontaine & Crabo [Cerastis]	933540	espoetia (Dyar) [Anicla]	933224, N603
Enigmogramma	931167	Estigmene	930317
enixa Grote [Perigea]	931987, N344	esula (Druce) [Neogalea]	931770, N311
ensina (Barnes) [Bryolymnia]	932243, N413	esurialis (Grote) [Diarsia]	933530
enthea Grote [Fishia]	932693	etacta (Smith) [Psammopolia]	933011, N580
eoides (Barnes & McDunnough) [Sigela]	930660	ethnica (Smith) [Aseptis]	932630
Eosphoropteryx	931187	Euagrotis	N601
Ephyrodes	931083	Euamiana	931591
Epidemas	932650	Euaontia	930741
Epidromia	930975	eubapta Hampson [Drasteria]	930890
epigaea (Grote) [Syngrapha]	931215	Eublemma	930693
Epiglaea	932602	Eubolina	931056
epilais (Walker) [Syntomeida]	930462	eucaena Dyar [Cucullia]	931511
epimenis (Drury) [Psychomorpha]	931975	Eucarta	N343
epione (Drury) [Catocala]	930764	Eucereon	930444
epipaschia (Grote) [Cosmia]	932669, N500	Euchaetes	930406
Epipsilamorphia	N656	Euchalcia	931180
epipsilioides (Barnes & Benjamin) [Protogygia]	933296, N616	Eucirroedia	932609
Episcepsis	930451	Euclidia	930929
Epitausea	931081	Euclystis	930987
erasa (Guenée) [Argyrostromis]	930953	Eucoptocnemis	933257
erastrionides (Guenée) [Ponometia]	931319	Eudesmia	930174
erecta (Cramer) [Caenurgina]	930924	Eudocima	930624

eudora (Dyar) [Neoplynes]	930400	exempta Dyar [Acronicta]	931435
<i>eudryada</i> Smith [Acontia]	931376, N237	<i>exertistigma</i> of auth. [Parabagrotis]	933646
Eudryas	931964	exesa (Guenée) [Elaphria]	932236
Eueretagrotis	933568	exhausta (Guenée) [Zale]	931016
Euerythra	930398	exhausta (Smith) [Neoligia]	932390
Euhyparpax	930114	exigua (Fabricius) [Ponometia]	931335, N225
Eulepidotis	931066	exigua (Hübner) [Spodoptera]	932215
eulepis (Grote) [Cucullia]	931529	exilis Grote [Acronicta]	931464
Eulithosia	931683	<i>exornata</i> (Möschler) [Apamea]	932354, N448
eumelusalis (Walker) [Phalaenostola]	930513	expallidus Grote [Plagiomimicus]	931663
Euparthenos	931055	explicata McDunnough [Lacinipolia]	933067
eupatorii (Lyman) [Papaipema]	932502	expolita Grote [Tarache]	931363
euphemia Beutenmüller [Catocala - ssp.]	930790, N113	exprimens (Walker) [Pyrrhia]	932041
Euplexia	932289	exsertistigma (Morrison) [Parabagrotis]	933646, N681
Euproctis	930171	exsiccata (Lederer) [Tathorhynchus]	930754, N106
Eupseudomorpha	931976	<i>extensa</i> (Smith) [Apamea]	932355
Eupseudosoma	930389	<i>extima</i> (Walker) [Caradrina]	932260
Eupsilia	932587	<i>extincta</i> (Smith) [Andropolia]	932681, N506
eureka (Barnes & Benjamin) [Protorthodes]	933104	extincta Guenée [Leucania]	932937
eureka Barnes & Benjamin [Miodera]	933189	extranea (Smith) [Euxoa]	933341
eureka Ferguson & Schmidt [Grammia]	930275	extranea (Smith) [Sympistis]	931855
eurekæ Poole [Cucullia]	931525	extrema of auth. [Hypercompe]	930322, N23
Eurois	933560	extremalis (Barnes & McDunnough) [Phalaenophana]	
Euros	932404		930488
euryrhoda Hampson [Psychomorpha - ssp.]	931975, N339	extremis (Smith) [Sympistis]	931920, N331
Eusceptis	931379	extricata (Grote) [Acronicta]	931479
Euscirrhopterus	931972	exuberans (Smith) [Anicla]	933221
euta (Smith) [Sympistis]	931862	exulis (Lefebvre) [Apamea - ssp.]	932351
eutalanta Dyar [Nystalea]	930123	Exyra	931188
Eutelia	931118	fabulosa (Ferguson) [Xestia]	933607
Eutolyte	N281	factiosalis (Walker) [Renia]	930530
Eutricopis	932038	fagina Morrison [Lithophane]	932548
Euxoa	933307	Fagitana	932749
euxoiformis (Barnes & McDunnough) ["Hexorthodes"]		Fala	931645
	933153	falcata (Neumögen) [Homoanarta]	932745
evanidalis (Grote) [Feltia]	933500, N635	falcata Schaus [Orgyia]	930169
evansi Rindge & Smith [Annaphila]	931757	falcifera (W. Kirby) [Anagrapha]	931234
<i>evelina</i> (French) [Fishia]	932691	falcula (Grote) [Acronicta]	931434, N254
evelinae Benjamin [Agrotisia]	932717	fallax (Hampson) [Pseudobryomima]	932731
evicta (Grote) [Morrisonia]	932802	fallax (Herrich-Schäffer) [Agriopodes]	931494
Eviridemas	931632	falsa (Grote) [Lacinipolia]	933036
exacta Hübner [Anomis]	930609	famelica (Guenée) [Melipotis]	930875
exasperata Franclemont [Pseudanarta]	932740	fannatica Mustelin [Aseptis]	932631
excogita (Smith) [Euxoa]	933416, N626	<i>fannia</i> (Druce) [Ozarba]	931302, N223
<i>exculta</i> (A. Blanchard & Knudson) [Euamiana]		farcta (Grote) [Leucania]	932939
	931591, N286	farnhami (Grote) [Anarta]	932837
exegens Dyar ["Afrida"]	931160, N179	Faronta	N556

fascia (Smith) ["Cryphia"]	932196	festivoides (Guenée) [Elaphria]	932233
fasciata (H. Edwards) [Sympistis]	931932	festivum (Walker) [Cosmosoma]	930456
<i>fasciata</i> (Skinner) [Xestia]	933618	<i>fibulata</i> (Morrison) [Eremobina]	932374
fasciata Smith [Ulolonche]	933121	fictilis (Guenée) [Zale]	931021
fasciatella (Grote) [Ponometia]	931329, N225	fidelis Grote [Himella]	932785, N531
<i>fasciatus</i> (H. Edwards) [Heliothodes]	932036	fidelissima Herrich-Schäffer [Composia]	930349
fasciolaris (Hübner) [Melipotis]	930870	fieldi Barnes & Benjamin [Scotogramma]	932859
faulkneri Mustelin [Euxoa]	933414	fifia (Dyar) [Sympistis]	931822
faunus Strecker [Ufeus]	932712	figurata (Drury) [Grammia]	930253, N19
fausta Druce ["Eustrotia"]	N701	figurata (Harvey) [Sympistis]	931946
fausta Schmidt [Enargia]	932676, N503	filaria (Smith) [Antiblemma]	931094
faustina Strecker [Catocala]	930801	filifera (Walker) [Collomena]	931156
faustinula (Boisduval) [Cisthene]	930181	fimbriaris (Guenée) [Eucrotopcnemis]	933257, N610
favorita (Neumögen) [Grammia]	930265	finatimis Lafontaine [Xestia]	933582
fax (Grote) [Exyra]	931188, N188	finitima (Guenée) [Apamea - ssp.]	932314
februalis (Barnes & McDunnough) [Egira]	932793	finitima (Smith) [Hemeroplanis]	930706
februalis (Hill) [Leucania]	932942	Fishia	932691
februalis Grote [Ferialia]	931565	fishii (Grote) [Cerastis]	933537, N642
felicita Smith [Baptarma]	932037	fistula Harvey [Tricholita]	933198
felicitata (Smith) [Schinia]	932080	<i>flabella</i> (Grote) [Paectes]	931107
Feltia	933488	flagellum (Walker) [Autographa]	931208
fennica (Tauscher) [Actebia]	933229, N605	flagrantis (Smith) [Unciella]	931622, N288
Ferialia	931561	flanda (Smith) [Lasionycta]	932979, N572
fergusoni Brou [Chaetagnalea]	932605	flava (Fabricius) [Anomis]	930603
fergusoni Crabo & Lafontaine [Lasionycta]	932974	flava (Grote) [Pseudanarta]	932737
fergusoni Lafontaine [Xestia]	933617	flaviannula (Smith) [Orthosia]	932779
fergusoni Mikkola & Lafontaine [Apamea]	932349	flavicollis (Smith) [Euxoa]	933483
fergusoni Schmidt [Grammia]	930262	flavicornis (Smith) [Colocasia]	931400
<i>fergusoni Solis</i> [Epidromia]	930977	<i>flavicosta</i> (Smith) [Tarache]	931365, N232
fergusoni Zaspel [Virbia]	930298	flavida Lafontaine & Dickel [Autographa]	931199
Fergusonix	933190	flavidens (Grote) [Pseudanarta]	932732
<i>ferida</i> (Smith) [Mniotype]	932706, N518	flavidens (Smith) [Euxoa]	933381
<i>fermata</i> Smith [Perigonica]	932750, N528	flavidior (Barnes & McDunnough) ["Cryphia"]	932197
fernae (Benjamin) [Phosphila]	932210, N403	flavidorsalis Barnes & McDunnough [Pygarctia]	930428
ferraria Walker [Acherdoa]	932213	flavifrimbriata Todd [Eusceptis]	931379
<i>ferrealis</i> Grote [Lithophane]	932536, N488	flaviguttalis Barnes & McDunnough [Bleptina]	930524
ferricola (Smith) [Hypotrix]	933170, N596	flaviguttata (Grote) [Hyperstrotia]	930731
ferrigera (Smith) [Orthosia]	932767	flavipennis Grote [Tarache]	931347
ferrisi Crabo & Lafontaine [Tricholita]	933197	flavipuncta Mustelin ["Cryphia"]	932204
ferrisi Pogue & Harp [Schinia]	932160	flavipunctalis (Geyer) [Renia]	930536
ferruginea (Packard) [Peridea]	930050	flavistriaria (Hübner) [Argyrostromis]	930951
ferruginea Mustelin [Aseptis]	932632	flavofasciata Grote [Tripudia]	931268
ferruginosa (Walker) [Virbia]	930306	<i>flavostigma</i> (Barnes & Benjamin) [Amphipoea]	932450, N482
fervida (Walker) [Sonoractia]	930282	flavotincta (Smith) [Pseudohermonassa]	933631
fervida Barnes & McDunnough [Scotogramma]	932848	flavum Fauske & Lafontaine [Copablepharon]	933281
fessa Grote [Amolita]	931060, N153	flebilis Grote [Catocala]	930775
festiva (Fabricius) [Dipthera]	931410		

fletcheri Rindge [Nycteola]	931146	fraterna (Smith) [Heteranassa]	930983
florea Guenée [Cucullia]	931508	fraternalis Smith [Renia]	930537
florida (Guenée) [Schinia]	932082	frederici Grote [Catocala]	930819
florida (Smith) [Anarta]	932843	freemani Hardwick [Diarsia - ssp.]	933535, N641
floridana (Smith) [Tetanolita]	930518	<i>frenchii Poling [Catocala]</i>	930801, N110
floridana Lafontaine & Dickel [Prosoparia]	930692	frigida Crabo & Lafontaine [Lasionycta]	932985
floridensis (Guenée) [Callopietria]	932190	frigidana (Walker) [Nycteola]	931142, N177
floridensis Lafontaine [Feltia]	933496	fringata (Barnes & McDunnough) [Eupsilia]	932593
flosca (Smith) [Homorthodes]	933100	frugiperda (J.E. Smith) [Spodoptera]	932216
Focillidia	930967	frustulum Guenée [Celiptera]	930940
foeminalis (Smith) [Euxoa]	933434	Fruva	N225
forbesi (Benjamin) [Abagrotis]	933682, N683	fucosa Hübner [Hypoprepia]	930205
forbesi (Franclemont) [Anicla]	933222	fufius (Schaus) [Lesmone]	930971
forbesii (French) [Idia]	930475	fulgens (H. Edwards) [Lycomorpha]	930199
fordi Selman & Leuschner [Lacinipolia]	933057	fulgens Barnes & McDunnough [Chalcopasta]	931697
formalis (Grote) [Parabagrotis]	933643, N680	fulgora (Barnes & McDunnough) [Anarta]	932828
formosa (Grote) [Chrysanympa]	931186	fuliginaria (Linnaeus) [Parascotia]	930673, N82
formosalis Walker [Nigelia]	930655	fuliginosa (Linnaeus) [Phragmatobia]	930332
formularis (Geyer) [Lesmone]	930974	fuliginosa Rothschild [Halysidota]	N690
Forsebia	930884	fulleri (McElvare) [Schinia]	932141
fortis (Grote) [Sympistis]	931904, N326	fulminans Smith [Perigonica]	932751
<i>fortiter (Barnes &amp; McDunnough) [Tesagrotis]</i>	933639	fulvangala Geyer [Gonodonta]	930616, N64
Fota	931630	fulvicollis (Hübner) [Cisseps]	930440
Fotella	932034	<i>fulvisparsa (Hampson) ["Cryphia"]</i>	932197, N396
foeloides (Barnes & McDunnough) [Anycteola]	931638	fulvum Stretch [Kodiosoma]	930432
f-pallida (Strecker) [Grammia]	930254	fumalis (Grote) [Euxoa]	933409
fractilinea (Grote) [Mesapamea]	932370, N460	fumata (Smith) [Ponometia]	931327, N226
fractilinea (Smith) [Hypenodes]	930662	fumeola (Hampson) [Aseptis]	932629
fractura (Smith) [Homorthodes]	933091	fumosa (Grote) [Aseptis]	932626
fragilis (Guenée) [Acronicta]	931458	fumosa (Strecker) [Drasteria]	930901
fragilis (Strecker) [Virbia]	930301	funebria (Hübner) [Sympistis]	931910
<i>fragosa (Grote) [Fotella]</i>	932034	<i>funeralis (Hill) [Condica]</i>	932008, N353
francisca (Smith) [Lacinipolia]	933037	funeralis Grote & Robinson [Acronicta]	931438
francisca H. Edwards [Catocala - ssp.]	930802, N113	funeralis Grote [Spragueia]	931389
franciscanus Smith [Cobalos]	932408	funerea (Grote) [Inopsis]	930230
franclemonti (A. Blanchard) [Sympistis]	931958	fungorum Grote & Robinson [Choeophora]	933543
franclemonti Anweiler & Schmidt [Charadra]	931404, N242	furcata (Smith) [Papaipema]	932468
franclemonti Ferguson [Hypenodes]	930665	furcata (Walker) [Eutelia]	931120, N172
franclemonti Lafontaine [Euxoa]	933367	<i>furcata of auth. [Eutelia]</i>	931119
franclemonti Metzler [Lithophane]	932535	<i>furcifera Guenée [Acronicta]</i>	931445, N255
franclemonti Selman & Leuschner [Lacinipolia]	933058	furcilla (Packard) [Panthea]	931396, N241
Franclemontia	932432	furcilla Grote [Argillophora]	931299
franconia (H. Edwards) [Grammia]	930252, N18	Furcula	930024
frater Grote [Raphia]	931412, N247	furcula (Clerck) [Furcula]	N9
fratercula Barnes & McDunnough [Amolita]	931064	furfurata (Grote) [Homorthodes]	933088
<i>fratercula Grote &amp; Robinson [Catocala]</i>	930857, N111	furtiva A. Blanchard [Ursia]	930096
		furtiva McDunnough [Orthodes]	933137

<i>furtivus</i> (Smith) [Euxoa]	933436, N628	<i>gibbosa</i> (J.E. Smith) [Nadata]	930046
<i>fusca</i> (Rothschild) [Euchaetes]	930408	<i>gibsoni</i> (McDunnough) [Grammia - ssp.]	930258
<i>fusca</i> Crabo & Lafontaine [Lasionycta - ssp.]	932999	<i>gigantea</i> (Barnes & McDunnough) [Euchaetes]	930413
<i>fuscigerus</i> (Grote) [Euxoa]	933344	<i>gigantea</i> (French) [Panthea]	931395
<i>fuscimacula</i> (Grote) [Elaphria]	932225	<i>gigantea</i> (Smith) [Gabara]	930640
<i>fuscipes</i> (Grote) [Trocodima]	930397	<i>gigantea</i> Barnes & Benjamin [Litodonta]	930064
<i>fuscolutea</i> (Smith) [Sideridis]	932902	<i>gigantoides</i> (Barnes & McDunnough) [Homorthodes]	
<i>fuscula</i> (Grote) [Meganola]	931125		933102
<i>fusculenta</i> (Smith) [Anarta]	932839, N540	<i>gigas</i> Schmidt [Grammia - ssp.]	930244
<i>fuscum</i> Troubridge & Crabo [Copablepharon]	933287	<i>gillaspyi</i> A. Blanchard [Copablepharon]	933270
<i>fusimacula</i> Smith [Oxycnemis]	931615	<i>gilvum</i> Crabo & Lafontaine [Copablepharon - ssp.]	933289
<i>futilis</i> (Grote & Robinson) [Litoprosopus]	931096	<i>glabella</i> (Morrison) [Amphipyra]	931546
<i>Gabara</i>	930639	<i>glaciata</i> (Grote) [Hadena]	932915
<i>gabrieli</i> Mikkola & Mustelin [Apamea - ssp.]	932343	<i>gladiaria</i> Morrison [Agrotis]	933515
<i>gabrieli</i> Troubridge & Crabo [Hadena]	932918	<i>gladiola</i> (Barnes) [Chrysoecia]	931673
<i>galbanata</i> (Morrison) [Zale]	931026	<i>glaucina</i> Lafontaine & Mikkola [Xestia - ssp.]	933612
<i>galena</i> Smith [Viridemias]	931571, N283	<i>glenni</i> Buckett [Abagrotis]	933659
<i>Galgula</i>	932249	<i>glennyi</i> (Grote) [Sympistis]	931835
<i>galva</i> (Strecker) [" <i>Cryphia</i> "]	932195, N395	<i>Gloanna</i>	931624
<i>gamma</i> (Linnaeus) [Autographa]	931192, N190	<i>gloriosa</i> (Strecker) [Schinia]	932145
<i>ganglio</i> of auth. [Athyrma]	931085, N163	<i>gloriosa</i> Crabo & Lafontaine [Cerastis]	933541
<i>Gardinia</i>	930232	<i>gloveri</i> Grote & Robinson [Euscirrhopterus]	931972
<i>Garella</i>	931141	<i>Gluphisia</i>	930019
<i>garmani</i> (Grote) [Orthosia]	932771	<i>Glympis</i>	930714
<i>gatei</i> (Smith) [Scotogramma]	932858	<i>Gnamptonychia</i>	930231
<i>gaurae</i> (J.E. Smith) [Schinia]	932083	<i>gnata</i> (Grote) [Lacinipolia]	933022
<i>gausapata</i> Grote [Lithophane]	932564	<i>Gnophaela</i>	930352
<i>gelida</i> Crabo & Lafontaine [Lasionycta]	933002	<i>goedeni</i> (Troubridge & Crabo) [Sympistis]	931834
<i>geminata</i> (Smith) [Agriopodes]	931495	<i>Goniapteryx</i>	930633
<i>geminicincta</i> Schaus [Metalectra]	930688, N84	<i>Goniocarsia</i>	931080
<i>geminimacula</i> (Dyar) [Apamea]	932346	<i>Gonitis</i>	N60
<i>geminipunctalis</i> Schaus [Macristis]	930557, N46	<i>Gonodes</i>	932248
<i>geminocula</i> (Ferris & Lafontaine) [Tarache]	931359	<i>Gonodonta</i>	930613
<i>gemmatalis</i> Hübner [Anticarsia]	931077	<i>goodelli</i> (Grote) ["Orthodes"]	933141, N591
<i>genetrix</i> (Grote) [Aseptis]	932640	<i>gopheri</i> (Smith) [Idia]	930485
<i>geneura</i> (Strecker) [Grammia - ssp.]	930258	<i>gortynoides</i> Walker [Bellura]	932513
<i>genialis</i> (Grote) [Apamea]	932331	<i>goyanensis</i> (Hampson) [Tripudia]	931270, N207
<i>geniculata</i> (Grote & Robinson) [Feltia]	933495	<i>gracilenta</i> Hübner [Schinia]	932092, N373
<i>geometriformis</i> Hill [Mycterophora]	930677	<i>gracilis</i> W. H. Edwards [Catocala]	930833
<i>georgei</i> (Moore & Rawson) [Elaphria]	932232	<i>gracillima</i> of auth. [Oxycnemis]	931612
<i>georgica</i> (Herrich-Schäffer) [Hyperaeschra]	930010	<i>gracillinea</i> (Grote) [Oxycnemis]	931612
<i>georgii</i> Grote [Lithophane]	932573	<i>graciana</i> (Tepper) [Schinia]	932107, N374
<i>gerhardi</i> Barnes & Benjamin [Catocala - ssp.]	930836	<i>graminis</i> (Linnaeus) [Ceraapteryx]	932808
<i>germana</i> (Morrison) [Lithomoia]	932524, N487	<i>Grammia</i>	930240
<i>geronimo</i> (Barnes) [Alypiodes]	931978	<i>grammivora</i> Walker [Dargida]	932926
<i>Gerra</i>	931967	<i>grandimacula</i> (Schaus) [Abablemma]	930650, N75
<i>Gerrodes</i>	931969	<i>grandimacula</i> Barnes & McDunnough [Oxycnemis]	931617

grandimedia Hardwick [Schinia]	932095	habitalis (Walker) [Hemeroplanis]	930704
grandipennis (Grote) [Dichagyris]	933246, N607	hachita (Barnes) [Lineostriastiria]	931665, N299
grandipennis Barnes & McDunnough [Doryodes]	930926	Hada	932897
grandirena (Haworth) [Drasteria]	930915	Hadena	932910
grandis (Guenée) [Lacanobia]	932882, N546	Hadenella	932822
grandis (Strecker) [Copablepharon]	933283	hadeniformis (Smith) [Trudestra]	932846
grandis Smith [Psaphida]	931551	hadenoides Guenée [Coxina]	930986, N142
granitosa (Guenée) [Calloplistria]	932193	Haematomis	930211
graphica Hübner [Drasteria]	930891	haesitans Walker [Agrotis]	933525
Graphiphora	933563	haesitata (Grote) [Acronicta]	931466
grapholithoides (Möschler) [Tripudia]	931262	<i>hahama</i> (Dyar) [Dichagyris]	933248
grata (Fabricius) [Eudryas]	931966	haida Crabo & Lafontaine [Lasionycta]	932976
grata Hübner [Elaphria]	932238	<i>haitiensis</i> of auth. [Litoprosopus]	931097, N166
gravis Grote [Agrotis]	933518	Halysidota	930360
grenadensis Hampson [Focillidia]	930968, N136	hamamelis Guenée [Acronicta]	931461
greyi (Troubridge & Crabo) [Sympistis]	931950	hamata (McDunnough) [Anarta]	932830
greyi Anweiler [Panthea]	931397	hampa (Smith) [Lasionycta - ssp.]	932978
grisatra Brower [Catocala]	930854	hampsoni Barnes & Benjamin [Sexserrata]	931599
grisea (Strecker) [Odontotia]	930014	hampsonii (Barnes) [Phoenicoprocta]	930468, N28
grisea Walker [Acronicta]	931433, N251	handfieldi Crabo & Lafontaine [Lasionycta - ssp.]	932999
grisefacta (Dyar) [Dasychira]	930158	hanga Strecker [Schinia]	932127
griseicollis (Grote) [Sympistis]	931954	<i>hanhami</i> (Barnes & Benjamin) [Eremobina]	932372
griseipennis (Grote) [Lesmone]	930973	hanhami (Barnes & McDunnough) [Homorthodes]	933096
griscens (Barnes & Lindsey) [Gloanna]	931624	hanhami (Smith) [Phalaenostola]	930515
griscens (Barnes & McDunnough) [Grotella]	931712	<i>hanhami</i> Smith [Fishia]	932691
groenlandica (Wocke) [Gynaephora]	930143	hapi Troubridge [Sympistis]	931916
groteana (Dyar) [Stylopoda]	931784	Haploa	930341
<i>grotei</i> (Barnes & McDunnough) [Apamea]	932325	harbisoni Mustelin [Trichocerapoda]	933081
<i>grotei</i> (Franclemont & Todd) [Dichagyris]	933231, N607	hardwicki Lafontaine [Euxoa]	933349
<i>grotei</i> (Morrison) [Copivaleria]	931557	hardwicki Troubridge & Lafontaine [Neoligia]	932395
<i>grotei</i> (Packard) [Lycomorpha]	930197	hardwickorum Opler [Schinia]	932074
<i>grotei</i> Riley [Lithophane]	932581	harnardi Barnes & Benjamin [Scotogramma]	932851
Grotella	931700	harrisii (Grote) [Papaipema]	932483
Grotellaforma	931722	harrisii Walsh [Halysidota]	930361
grotelliformis Barnes & McDunnough [Homolagoa]		Harrisimemna	931498
	931723	<i>haruspica</i> (Grote) [Graphiphora]	933563, N648
grotiana Bailey [Catocala]	930805	harveyi Barnes & Benjamin [Grotella]	931701
grynea (Cramer) [Catocala]	930845	hasta Guenée [Acronicta]	931445
guadalupensis Lafontaine & Byers [Euxoa]	933407	hastingsii (H. Edwards) [Drasteria]	930889, N127
guerini (Guenée) [Euclystis]	930988	hastulifera (J.E. Smith) [Acronicta]	931422
gulnare (Strecker) [Bagisara]	931247	hathor Troubridge [Sympistis]	931893
gustis Smith [Oxycnemis]	931614	hatuey (Poey) [Litoprosopus]	931097
guttata Grote [Spragueia]	931385	<i>hausta</i> (Grote) [Neoligia]	932387, N469
guttivitta (Walker) [Heterocampa]	930086	havilae (Grote) [Sphaelotis]	933557
Gynaephora	930142	hayesi (Grote) [Sympistis]	931867
<i>gypsalis</i> (Grote) [Zanclognatha]	930490	hebari Skinner [Psectrotarsia]	932044
habilis Grote [Catocala]	930768	hebraicum Hübner [Polygrammate]	931497

hecate A. Blanchard & Knudson [Gloanna]	931625	Heterocampa	930069
Hecatera	932909	heterogena (A. Blanchard) [Sympistis]	931899
heinrichi Barnes & Benjamin [Cucullia]	931527	heuloa (Smith) [Hypena]	930572
heitzmani Covell & Metzler [Acronicta]	931459	hewletti (Barnes & McDunnough) [Grammia]	
heitzmani Poole [Plagiomimicus]	931650		930272, N18
helata (Smith) [Zale]	931039	Hexorthodes	933149
helenia (Cassino) [Euchaetes]	930409	“Hexorthodes”	933152
helenia (Mustelin) [Sympistis]	931896	hibisci (Guenée) [Orthosia]	932778
Helia	930980	hiemalis (Grote) [Egira]	932788
Helicoverpa	932045	hilli (Barnes & Benjamin) [Plagiomimicus]	931656
Heliocheilus	932056	<i>hilli</i> (Grote) [ <i>Eremobina</i> ]	932372
Heliolonche	932184	Hillia	932623
heliophila (Paykull) [Sympistis]	931930	Himella	932785
Heliothis	932046	hinna (Geyer) [Lesmone]	930972
Heliothodes	932036	hipparis (Druce) [Spodoptera]	932214, N406
Helotropha	932443	Hippia	930125
helva (Grote) [Apamea]	932322, N444	hippolyta Strecker [Catocala - ssp.]	930806, N113
Hemeroblemma	930755	hippotes (Druce) [Cobubatha]	931278
Hemeroplanis	930700	hircina Morrison [Homoglaea]	932527
Hemibryomima	932728	hirsuta McDunnough [Scotogramma]	932855
Hemiceras	930054	hirtipes Grote [Zosteropoda]	933163
hemicycla (Hampson) [Neotuerta]	931970	historialis (Grote) [Hemeroplanis]	930705
Hemieuxoa	933227	hoeffleri Clarke [Nedra]	932286
Hemigrotella	931720	Holarctia	930239
hemina Grote [Lithophane]	932538	hollemanii (Grote) [Euxoa]	933401
Heminocloa	931763	Holoarctia	930233
Hemioslaria	931762	Holomelina	N21
Hemipachnobia	933545	Homoanarta	932745
Hemispragueia	N229	Homocerynea	930746
Hemistilbia	N319	homogena (Grote) [Sympistis]	931888
hennei Buckett [Abagrotis]	933660	homogena (McDunnough) [Xestia]	933608, N662
hennei Rindge & Smith [Annaphila]	931735	homogena McDunnough [Escaria]	932816
<i>henrici</i> (Grote) [ <i>Simyra</i> ]	931493, N261	Homoglaea	932525
henrietta (Smith) [Euxoa]	933398	Homohadena	N320
heonyx (Dyar) [Ponometia]	931317	Homolagoa	931723
herbarum (Guenée) [Ptichodis]	930932	Homoncocnemis	N326
herbicola (Guenée) [Argyrostromis]	930947	Homophoberia	932024
herculeana (Schaus) [Richia]	933266, N614	Homorthodes	933088
herilis (Grote) [Feltia]	933503	honestia (Grote) [Schinia]	932102
hermia H. Edwards [Catocala]	930802	hopfingeri Franclemont [Copablepharon - ssp.]	
hermina Lafontaine [Abagrotis]	933669		933289, N615
Herminocala	931072	Hoplolythodes	931679
<i>hero</i> (Morrison) [ <i>Agnorisma</i> ]	933626, N671	Horama	930465
herodias Strecker [Catocala]	930836	Hormisa	N41
<i>hesperida</i> Smith [ <i>Acronicta</i> ]	931424	hormos Hübner [Hypsoropha]	930629
hesperidago (Guenée) [Pyreferra]	932583	Hormoschista	930724
Heteranassa	930982	horrida Hübner [Zale]	931053

horus Troubridge [Sympistis]	931842	idahoensis (Grote) [Euxoa]	933435
howardi (H. Edwards) [Chalcopasta]	931696	idella (Barnes) [Tarache]	931364, N229
howardi (H. Edwards) [Dysschema]	930358	Idia	930469
howlandii (Grote) [Drasteria]	930913	ignea (Grote) [Syngrapha]	931223
huachuca (Smith) [Tarache]	931366	ignota (Barnes & Benjamin) [Condica]	932012
hubbardi Dyar [Bruceia]	930214	ilia (Cramer) [Catocala]	930792
hudsonica (Grote & Robinson) [Drasteria]	930906	illapsa (Walker) [Anicla]	933216
<i>hudsonii</i> Smith [Feltia]	933498	<i>illaudabilis</i> (Grote) [Lacinipolia]	933069, N583
hueco (Barnes) [Hypotrix]	933181	illecta Walker [Catocala]	930826
huita (Smith) [Ponometia]	931316	illima Crabo & Lafontaine [Lasionycta]	932984
<i>hulsti</i> Smith [Ufeus]	932711	illita Guenée [Anomis]	930608
hulstia Tepper [Schinia]	932178	illocata (Walker) [Fishia]	932695, N512
humidicola Guenée [Leucania]	932962	illocata Warren [Dyspyralis]	930669
humuli Harris [Hypena]	930584, N48	illustra Smith [Schinia]	932164
hutsoni (Smith) [Lineostriastiria]	931669	illustrata (Guenée) [Notioplusia]	931175, N186
hutsoni (Smith) [Ponometia]	931330	imbrifera (Guenée) [Polia]	932868
hutsoni Smith [Renia]	930534	immacula (Grote) [Sparkia]	932818, N535
Hydraecia	932454	immaculalis (Harvey) [Hemeroplanis]	930710
hydrillalis of auth. [Bleptina]	930526, N43	immaculalis (Hulst) [Idia]	930486, N33
Hydroeciodes	933205	immaculata (Morrison) [Anathix]	N711
hydromeli Harvey [Litodonta]	930060	immaculata (Reakirt) [Virbia]	930307
Hyparpax	930115	immaculata Pogue [Schinia]	932071
Hypena	930561	immanis Guenée [Hydraecia]	932457
Hypenodes	930661	immixta (Grote) [Euxoa]	933384
Hypenula	930527	immortua Grote [Melaporphyria]	932189
Hyperaeschra	930010	immunis (Guenée) [Ptichodis]	930933, N133
Hyperborea	930238	imora (Strecker) [Pseudorthodes]	933130
hyperborea Lafontaine [Euxoa]	933327	impartialis Harvey [Eubolina]	931056
Hypercompe	930321	impasta Guenée [Anomis]	930605
Hyperepia	933127	impecuniosa (Grote) [Papaipema]	932500
Hyperstrotia	930727	imperfecta Smith [Leucania]	932953
Hyphantria	930319	imperita (Hübner) [Xestia]	933598
Hypocala	930627	<i>imperspicua</i> (Strecker) [Schinia]	932092
Hypocoena	932426	impingens (Walker) [Lasionycta]	933010, N577
Hypocrisias	930359	implecta Lafontaine [Ochropleura]	933529
Hypocrita	930350	impleta Walker [Acronicta]	931474
hypocriticalis Ferguson [Macrochilo]	930509	implicata McDunnough [Lacinipolia]	933068
hypocritica of auth. [Condica]	932005, N351	implora Grote [Azenia]	931728
Hypoprepia	930204	imprensa Walker [Acronicta]	931477, N257
Hypotrix	933170	impulsa (Guenée) [Apamea]	932311
hypozoneata Hampson [Lycaugesia]	N79	impura Barnes & McDunnough [Crambidia]	930224
Hyppa	932664	inca Dyar [Aleptina]	931633, N289
Hypsoropha	930628	<i>incallida</i> (Smith) [Euxoa]	933405, N625
“Hyssia”	933161	incarnata Walker [Lerina]	930388
Ianius	930882	incincta (Morrison) [Protorthodes]	933105, N586
ibapahensis (Barnes & Benjamin) [Sympistis]	931854	<i>inclara</i> (Strecker) [Schinia]	932123
ida Rindge & Smith [Annaphila]	931746	inclara Smith [Acronicta]	931468

includens (Walker) [Chrysodeixis]	931170, N184	inferior Grote [Bleptina]	930522
includens (Walker) [Photodes]	932421, N471	inficita (Walker) [Apamea]	932347, N442
inclusa (Hübner) [Clostera]	930004	inficita (Walker) [Marathyssa]	931103
incognita (Barnes & McDunnough) [Leucania]	932950	infimatis (Grote) [Xestia]	933581
<i>incognita</i> (Smith) [Euxoa]	933476, N631	infixa (Walker) [Sympistis]	931825
incomitata (Harvey) [Sympistis]	931826	infracta (Morrison) [Euxoa]	933453
inconcinna (Harvey) [Euxoa]	933310	infumata (Grote) [Enargia]	932675, N502
inconcinna Smith [Scotogramma]	932861	infumata (Hampson) [Gabara]	930642
incongrua Barnes & Benjamin [Heterocampa]	930081	<i>infuscata</i> (Smith) [Lasionycta]	933005
inconspicua (Grote) [Hexorthodes]	933150	ingeniculata (Morrison) [Drasteria]	930893
inconspicua Herrich-Schäffer [Leucania]	932951, N561	ingens (H. Edwards) [Lophocampa]	930367
<i>inconspicualis</i> (Grote) [Zanclognatha]	930490	ingenua (Walker) [Phoberia]	930863, N123
inconstans (Grote) [Sympistis]	931827	<i>ingenua</i> Smith [Charadra]	931406, N243
inconstans Guenée [Panula]	930883	innominata (Smith) [Lithophane]	932534
incorrupta (H. Edwards) [Grammia]	930255	innota (Smith) [Resapamea]	932365, N457
incresa (Smith) [Cucullia]	931526	innotata Guenée [Acronicta]	931428
increta Morrison [Acronicta]	931467, N256	innubens Guenée [Catocala]	930761
incubus Troubridge [Sympistis]	931844	inopinata Franclemont [Matigramma]	931010
inculta H. Edwards [Hypoprepia]	930207	inopinatus (H. Edwards) [Cynia]	930401
incurva (Sepp) [Gonodonta]	930619	inops (Grote) [Photodes]	932419, N471
incurva (Smith) [Lacinipolia]	933020	Inopsis	930229
incusalis (Grote) [Hemeroplanis]	930707	inordinata (Morrison) [Apamea]	932316, N442
indela (Smith) [Apamea - ssp.]	932347	inornata (Neumögen) [Clostera]	930005
indeterminata (Barnes & McDunnough) [Pseudeustrotia]	932206, N400	inornata (Walker) [Episcepsis]	930451
indeterminata (Walker) [Adelphagrotis]	933641	inornata Grote [Trichocosmia]	932819, N535
indiana (Smith) [Schinia]	932069	<i>inquaesita</i> (Barnes & Benjamin) [Tripudia]	931257
indiana Grote [Nystalea]	930121	inquaesita (Grote & Robinson) [Papaipema]	932476
indigena (Barnes & Benjamin) ["Anorthodes"]	932271, N423	inquinata (Guenée) [Hypocoena]	932426, N474
indirecta (Grote) [Xylomoia]	932417, N470	inquinatus Hogue [Basilodes]	N709
indiscreta (H. Edwards) [Cissusa]	930866	insana (Guenée) [Euclystis]	930989, N142
indistincta (Barnes & McDunnough) [Lophocampa]	930374	insanina Troubridge [Sympistis]	931848
indistincta Smith [Hyppa]	932668	inscripta Lafontaine [Euxoa]	933456
indocilis (Walker) [Apamea]	932310, N440	insita Walker [Acronicta]	931423
indomita (Walker) [Melipotis]	930871	insolabilis Guenée [Catocala]	930781
<i>indra</i> (Smith) [Protorthodes]	933105	insolens (Grote) [Psammopolia]	933013
induta (Harvey) [Sympistis]	931818, N321	instans Smith [Minofala]	932817, N535
inebriata Ferguson [Apamea]	932295	<i>instruta</i> Smith [Fishia]	932693
inepta H. Edwards [Drasteria]	930895	insuda (Smith) [Zale]	931031
inermis (Forbes) [Leucania]	932963	insueta Guenée [Leucania]	9329 48
inermis Troubridge & Lafontaine [Neoligia]	932393	insularis (Grote) [Hippia]	930126
inexplicata (Walker) [Mycterophora]	930674	insularis (Grote) [Parabagrotis]	933644
infatuans Franclemont [Leucania]	932961	insularis (Herrich-Schäffer) [Simyra]	931493
infausta (Walker) [Euxoa]	933412	insulata (Walker) [Pareuchaetes]	930387
infecta (Ochsenheimer) [Anicla]	933212	insulidens (Bird) [Papaipema]	932480
inferior (Smith) [Stretchia]	932760	integerrima Grote & Robinson [Datana]	930038
		intenta (Walker) [Zale]	931049, N151
		<i>intensinalis</i> (Smith) [Idia]	930482, N31

intercalaris (Grote) [Callistege]	930918, N131	jaculifera (Guenée) [Feltia]	933498, N635
intermedia (Barnes & Benjamin) [Hydraecia]	932461	jaegeri (Sperry) [Schinia]	932136
intermedia (Kononenko) [Xestia]	933609, N663	jaguaralis Hampson [Spragueia]	931388
intermedia Speyer [Cucullia]	931514	jaguarina (Guenée) [Schinia]	932073
intermixta Dyar [Stiria]	931689, N305	jair Strecker [Catocala]	930861
intermontana Hardwick [Schinia]	932106, N374	jalapena (Schaus) [Cecharismena]	930749, N99
intermontana Lafontaine [Euxoa]	933314	jaliscana (Schaus) [Acontia]	931377, N238
interoceanica (Smith) [Amphipoea]	932446, N480	jaliscana Schaus [Notela]	930136
interpuncta (Grote) [Colobochoyla]	930590, N54	jamaicensis (Möschler) [Calloplistria]	932191, N392
interrogans (Walker) [Franclemontia]	932432	Janseodes	930726
interrogationis (Linnaeus) [Syngrapha]	931216	januaris (Guenée) [Melipotis]	930874
interrupta Guenée [Acronicta]	931454	januaris Mustelin & Leuschner [Fergusonix]	933190
intrabilis Smith [Schinia]	932152	jefferyi Troubridge & Lafontaine [Lithophane]	932561
intrita (Morrison) [Euxoa]	933360	<i>jemezensis</i> (Dyar) [Cucullia]	931526, N268
intruda (Smith) [Sympistis]	931830	jenniferae Troubridge [Sympistis]	931839
inuitica Lafontaine & Hensel [Xestia]	933593	jessica H. Edwards [Catocala]	930808
inulta (Grote) [Metaxaglaea]	932597	<i>joachin McDunnough</i> [Heliorthodes]	932036
invalida (Smith) [Papestra]	932896	joannis Metzler & Covell [Lithophane]	932540
invenusta Troubridge & Lafontaine [Neoligia]	932399	joaquinensis Hardwick [Heliolonche]	932188, N390
involuta (Sepp) [Eupseudosoma]	930389	<i>jocasta</i> (Smith) [Eremobina]	932374
inyoca Benjamin [Euxoa]	933418	jocelynae Troubridge [Sympistis]	931852
inyoca Lafontaine [Feltia]	933499	jocosa (Barnes & McDunnough) [Hexorthodes]	933151
Iodopepla	932287	jocosa (Guenée) [Feralia]	931561
iole (Schaus) [Pseudorthodes]	933135, N589	johnsoniana Brower [Catocala]	930823
ipilla Dyar [Cobubatha]	931279, N212	<i>johnstoni</i> (McDunnough) [Perigonica]	932754, N529
Ipimorpha	932677	<i>jola</i> (Barnes & Benjamin) [Hadena]	932919, N553
ipomoeae (Harris) [Syntomeida]	930460	juanita Barnes & Benjamin [Cisthene]	930193
ipomoeae Doubleday [Schizura]	930098	jucunda (Hübner) [Melipotis]	930878
ipsilon (Hufnagel) [Agrotis]	933528	jucunda (Walker) [Diarsia]	933533
irene Behr [Catocala]	930799	jucundella (Dyar) ["Elaphria"]	N412
iricolor (Smith) [Sympistis]	931831	judith Strecker [Catocala]	930771
iris (Zetterstedt) [Hillia]	932624	judyae Anweiler [Panthea]	931394
iris Guenée [Phlogophora]	932291	jugifera (Dyar) [Hyperepia]	933127
irresoluta (Dyar) [Eublemma]	930696	julia (Barnes & McDunnough) [Idia]	930476
irrigualis Möschler [Phlyctaina]	930546	julia (Grote) [Heliocheilus]	932059
irrorata (Smith) [Pseudorthodes]	933132	julia Hardwick [Euxoa - ssp.]	933336, N623
isabella (J.E. Smith) [Pyrrharctia]	930335	jumpi Hawks [Catocala - ssp.]	930820
Iscadia	931147	juncta (Grote) [Chersotis]	933550
isis Troubridge [Sympistis]	931841	junctimacula A. Blanchard [Aleptina]	931634
Isochlora	933693	junctura Walker [Catocala]	930809
Isogona	930733	juvenilis (Grote) [Hydroeciodes]	933205
itata (Smith) [Lithophane]	932565	Kakopoda	930995
Itomia	930978	kappa (Grote) [Sympistis]	931824, N321
<i>ixion Druce</i> [Catocala]	930817, N117	kathya Adams [Plagiomimicus]	931657
jacchusalis (Walker) [Zanclognatha]	930500, N38	keela (Smith) [Pseudorthodes]	933131
<i>jacchusalis</i> of <i>auth.</i> [Zanclognatha]	930499	keeley Gibson [Parabarrovia]	933621
jacobaeae (Linnaeus) [Tyria]	930347	keiferi (Benjamin) [Amphipoea]	932451

kelloggii (H. Edwards) [Sympistis]	931943	lagunae (Mustelin & Leuschner) [Tarache]	931348
kelsoensis (Robertson & Mustelin) [Sympistis]	931829	lagunculariae Dyar [Nola]	931137
kentuckiensis (Dyar) [Cisthene]	930178	lamae (Freeman) [Virbia]	930302
<i>ketchikana</i> (Barnes & Benjamin) [Cucullia]	931536, N268	lamina Pogue [Tripudia]	931263
khem Troubridge [Sympistis]	931891	lancea Troubridge & Lafontaine [Neoligia]	932402
khepri Troubridge [Sympistis]	931813	lanceolaria (Grote) [Acronicta]	931488
kingi McDunnough [Agrotis]	933513	lanceolata Grote [Tarache]	931372
kirkwoodi Buckett [Abagrotis]	933651	lanei Troubridge [Lithophane]	932539
<i>klotsi</i> (Richards) [Lasionycta]	933003	langtoni Couper [Alypia]	931981
knowltoni (McDunnough) [Tarache]	931346	<i>lanul</i> (Strecker) [Schinia]	932171
knowltoni McDunnough [Eupsilia]	932592	lapidaria (Grote) [Leucania]	932946, N559
knudsoni Crabo & Lafontaine [Tricholita]	933196	lapponica (Thunberg) [Pararctia]	930285
knudsoni Troubridge [Sympistis]	931812	lapponica (Thunberg) [Sympistis]	931929
Kodiosoma	930432	laqueata (H. Edwards) [Calidota]	930384
koebelei (Riley) [Argentostiria]	931758, N308	larentioides Grote [Phalaenostola]	930514
kolthoffi (Aurivillius) [Sympistis - ssp.]	931931, N335	larga (Smith) [Dichagyris]	933249
kolymae (Herz) [Xestia]	933603, N659	Lascoria	930547
kononenkoi Tshistjakov & Lafontaine [Dodia]	930339	Lasiestra	N584
kyune (Barnes) [Dichagyris]	933245	Lasionycta	932968
<i>labe</i> Strecker [Schinia]	932116	Latebraria	930756
labecula (Grote) [Balsa]	931419	<i>lateritia</i> of auth. [Apamea]	932343, N446
labecula (Grote) [Pseudohemihyalea]	930382	Laterologia	932363
<i>labradoris</i> (Staudinger) [Sympistis]	931931, N336	latex (Guenée) [Morrisonia]	932805, N534
labrosa (Grote) [Autographa]	931202	Lathosea	N276
Lacanobia	932878	laticinerea Grote [Lithophane]	932580
laceyi (Barnes & McDunnough) [Lithophane]	932576	laticosta (Dyar) [Sympistis]	931792
lachrymosa Troubridge [Sympistis]	931833	latifascia (Walker) [Spodoptera]	932220
Lacinipolia	933016	latiorella (Walker) [Arugisa]	930635, N74
“Lacinipolia”	933079	<i>latiorella</i> of auth. [Arugisa]	930634
lacrymosa Guenée [Catocala]	930783	latipalpis (Walker) [Hormoschista]	930724
lactea (Stretch) [Grotellaforma]	931722	latipennis (Boisduval) [Gnophaela]	930353
lacteolaria (Hulst) [Leuculodes]	930002	latipennis Stretch [Spilosoma]	930311
lacticollis (Smith) [Sympistis]	931914	latipes (Guenée) [Mocis]	930942
latipennis Harvey [Tarache]	931350	<i>latiuscula</i> of auth. [Leucania]	932955
laeta (Guérin-Ménéville) [Virbia]	930294, N21	latro (Barnes & Benjamin) [Euxoa]	933450
laeta (Morrison) [Capsula]	932441	latruncula ([Denis & Schiffermüller]) [Oligia]	932376, N465
<i>laetabilis</i> of auth. [Xestia]	933619	laudabilis (Guenée) [Lacinipolia]	933065
laetifica Lintner [Cucullia]	931519	laudamia (Druce) [Rhabdatomis]	930212
laetifica Smith [Acronicta]	931444	laurentii (Smith) [Idia]	930479
laetificans (Smith) [Euxoa]	933454	laverna (Druce) [Bagisara]	931249, N197
laevigata (Grote) [Zanclognatha]	930492	laxa Lafontaine & Mikkola [Xestia]	933620
<i>laevigata</i> (Smith) [Neoligia]	932392, N469	lecontei (Guérin-Ménéville) [Haploa]	930345
lafontainei Ferguson [Neoarctia]	930237	Ledaea	930560
lafontainei Metzler & Forbes [Euxoa]	933386	leeae Walsh [Lithophane]	932557
lafontainei Troubridge & Crabo [Hadena]	932912	legitima (Grote) [Trichordestra]	932886
lagna (Grote) [Protogygia]	933293	lemmeri (Barnes & Benjamin) [Lithophane]	932566
lagganata (Barnes & Benjamin) [Lasionycta]	932996		

Lemmeria	932415	lienaris (Hübner) [Epidromia]	930975, N138
leo (Guenée) [Spragueia]	931387	ligata (Möschler) [Dypterygia]	932273, N425
leomegra (Smith) [Polia]	932869	ligeae Smith [Schinia]	932137
leovazquezae (Pérez & Sánchez) [Pseudosphex]	930454	lignicolor (Walker) [Oligocentria]	930110
lepetita Smith [Acronicta]	931440	lignicolora (Guenée) [Apamea]	932319
lepida Grote [Lithophane]	932558	lilacina (Harvey) [Trichordestra]	932889
lepidula (Grote) [Leuconycta]	932027	lilacina Schaus [Cucullia]	931510
lepidula (Smith) [Lacinipolia]	933048	lilacina, sp. nr., not (Druce, 1890) [Ogdoconta]	
lepipoloides (McDunnough) [Sympistis]	931836		932023, N354
Lepipolys	N316	lillooet McDunnough [Euxoa]	933430
leporina of auth. [Acronicta]	931427	lillooet Troubridge & Lafontaine [Neoligia]	932403
Leptarctia	930336	limata Bird [Papaipema]	932495, N480
leptinoides (Grote) [Schizura]	930104	limbalis (Grote) [Schinia]	932134
lepusculina Guenée [Acronicta]	931425	limbatus (H. Edwards) [Tripudia]	931271
Lerina	930388	limpida (Guenée) [Papaipema]	932504
Lesmone	930970	linae Metlevski [Meropleon]	932411
lethe Poole [Cucullia]	931520	lincolnana Brower [Catocala]	930850
Letis	930757	linda (Barnes & McDunnough) [Sympistis]	931937
Leucania	932937	linda Franclemont [Leucania]	932944
leucania Barnes & Lindsey [Mammifrontia]	932434	lindrothi Krogerus [Protorthodes]	933113, N587
Leucanopsis	930376	lindseyi (Benjamin) [Homorthodes]	933089, N585
leucitys Franclemont [Symmerista]	930129	linearis (Grote) [Zelicodes]	930600
Leucocnemis	931618	lineata (Druce) [Carteris]	930545, N45
leucocyclus (Staudinger) [Lasionycta]	932978, N571	lineata Druce [Rifargia]	930059
leucogramma (Grote) [Lacinipolia]	933038	lineata Newman & Donahue [Phragmatobia]	930333
Leucoma	930170	lineella Grote [Catocala]	930860, N121
Leuconycta	932026	lineifrons (Smith) [Euxoa]	933406
leucophaea (J.E. Smith) [Dasychira]	930153	lineolata Walker [Catabena]	931765
leucophaea (Walker) [Dysschema]	930357, N25	Lineostriastiria	931665
leucoptera Mikkola [Apamea - ssp.]	932339	linita Guenée [Leucania]	932938
leucorena (Smith) [Condica]	932007	lintneri (Grote) [Apamea]	932356, N450
leucoscelis (Grote) [Eremobina]	932374, N463	lintneri (Grote) [Gluphisia]	930022
leucostigma (Harris) [Papaipema]	932488	liquida (Grote) [Trichordestra]	932890
leucostigma (Hübner) [Helotrophia]	N479	liquida (Möschler) [Gonodes]	932248
leucostigma (J.E. Smith) [Orgyia]	930168	liquidaria (Eversmann) [Xestia]	933618, N668
Leuculodes	930002	Lirimiris	930140
leuschneri Lafontaine [Euxoa]	933340	"Lithacodia"	931292
leuschneri Riotte [Orgyia]	930167	Litholomia	932530
levis (Grote) [Sympistis]	931843	Lithomoia	932524
levitans (Smith) [Baileya]	931152	Lithophane	932531
lewisi (Grote) [Euxoa]	933336	lithosina H. Edwards [Annaphila]	931748
libatrix (Linnaeus) [Scoliopteryx]	930601	lithosioides Dyar [Crambidia]	930218
libedis (Smith) [Ponometia]	931320	lithospila Grote [Acronicta]	931480
liberomacula (Dyar) [Cisthene]	930179	Litocala	930868
liburna (Geyer) [Scoleocampa]	930637	Litodonta	930060
lichena (Barnes & McDunnough) [Aseptis]	932639, N494	litophora (Grote) [Macrochilo]	930510
Lichnoptera	931403	Litoprosopus	931096

littera (Guenée) [Fagitana]	932749	luctuosa Lafontaine [Euxoa]	933474
littoralis (Packard) [Paradiarsia]	933544	luda (Druce) [Tripudia]	931265
lituralis (Hübner) [Zanclognatha]	930489, N34	<i>lula Strand [Syngrapha]</i>	931220, N194
livida Crabo & Lafontaine [Lasionycta - ssp.]	932991	luna Morrison [Cucullia]	931533, N273
<i>lixinites (Dyar) [Cobubatha]</i>	931275	lunata (Barnes & McDunnough) [Condica]	932009
lixiva (Grote) [Cobubatha]	931275, N210	lunata (Drury) [Zale]	931023
lobato (Barnes) [Dichagyris]	933247, N607	lunata (Smith) ["Amphipoea"]	932452
lobeliae Guenée [Acronicta]	931455	lunata (Smith) [Hypotrix]	933182, N596
lobrega Adams [Leucania]	932956, N563	lunata H. Edwards [Heterocampa]	930085
Lochmaeus	930090	lunata Hampson [Caularis]	931971
loculosa (Grote) [Properigea]	932718	lunifera (Hübner) [Zale]	931048
loda (Strecker) [Platypolia]	932698	lunilinea Grote [Spiloloma]	930760
Lomanaltes	N53	lunodes (Guenée) [Paectes]	931113, N170
Lomolysis	N497	lunolacta (Smith) [Lacinipolia]	933064
longa (Grote) [Leucanopsis]	930376	lunula (Hufnagel) [Calophasia]	931771
longa Guenée [Acronicta]	931478	lupa Lafontaine & Mikkola [Xestia]	933619
longiclava (Smith) [Lacinipolia]	933021	lupatus (Grote) [Heliocheilus]	932056, N364
longicornis Lafontaine & Troubridge [Agrotis]	933511	lupini Grote [Acronicta]	931489, N259
longidens (Smith) [Dichagyris]	933255, N607	lurida (H. Edwards) [Leucanopsis]	930378
longior (Smith) [Lithophane]	932569	luridula Guenée [Anomis]	930606
longipalpata Hulst [Mycterophora]	930676	lustralis (Grote) [Lacinipolia]	933017
longipenne Grote [Copablepharon]	933268	luta (Smith) [Zanclognatha]	930501
longula (Grote) [Apamea]	932341	lutea (Smith) [Arugisa]	930634, N74
Lophocampa	930365	luteimacula (Barnes & Benjamin) [Lacinipolia]	933026
Lophoceramia	933204	<i>luteodisca (Smith) [Cucullia]</i>	931524, N268
<i>lora Strecker [Schinia]</i>	932117	luteola (Grote & Robinson) [Coranarta]	932863, N542
lorea (Guenée) [Lacinipolia]	933052	luteola (Smith) [Lasionycta]	932977
<i>loretta Barnes &amp; McDunnough [Catocala]</i>	930790, N110	luteomedia (Smith) [Prothrinax]	931603
lorezi (Staudinger) [Xestia]	933605, N660	luteosita (Smith) [Euxoa - ssp.]	933331, N621
lorquini (Grote & Robinson) [Androloma]	N342	lutina (Smith) [Marilopteryx]	933202
lorula Dyar [Pygarctia]	930426	lutosa (Andrews) [Apamea]	932348
Loscopia	932358	lutosa (Hübner) [Rhizedra]	932437, N476
lota (Clerck) [Agrochola]	932615	lutra (Guenée) [Spiramater]	932883, N547
louisa Smith [Pseudacontia]	931772	luxa (Grote) [Schinia]	932066
louisae Quinter [Protapamea]	932361	luxuriosa Smith [Tripudia]	931267
louiseae J. Bauer [Catocala]	930834	Lycaugesia	N79
louisiana (Forbes) [Macrochilo]	930505, N41	Lycomorpha	930197
Loxagrotis	N607, N613	Lycomorphodes	930203
<i>loya (Smith) [Euxoa]</i>	933415, N625	Lycophotia	933547
lubricalis (Geyer) [Idia]	930482	lydia (Druce) [Phoenicoprocta]	930467, N28
lubricans (Guenée) [Anicla]	933214, N601	Lygephila	930753
lucasi (Smith) [Tarache]	931373	Lymantria	930141
lucens (Morrison) [Schinia]	932077	Lymire	930443
luciana Strecker [Catocala]	930800	lynda Troubridge [Schinia]	932081
lucida Barnes & McDunnough [Euxoa]	933408	lyngei (Rebel) [Xestia]	933615, N663
luctuosa ([Denis & Schiffermüller]) [Tyta]	931503, N265	lynx (Guenée) [Schinia]	932120
luctuosa Hulst [Catocala]	930778, N112	lysimaehiae Bird [Papaipema]	932487

Lythrodus	931600	Maliattha	931295
maccabei Troubridge & Crabo [Hadena]	932922	Mamestra	932898
maccullochii (W. Kirby) [Androloma]	931984	Mammifrontia	932434
macdunnoughi (Barnes & Benjamin) [Ponometia]	931336	manalis Walker [Hypena]	930561, N48
macdunnoughi Barnes & Benjamin [Neogrotella]	931719	Manbuta	931087
macfarlandi Buckett & Bauer [Annaphila]	931752	mania (Strecker) [Homorthodes]	933094
mackiei (Barnes & Benjamin) [Sympistis]	931858	manifesta (Morrison) [Feltia]	933494
macleani (McDunnough) [Lasionycta]	933006	manitoba Beutenmüller [Catocala - ssp.]	930847, N113
macleani McDunnough [Euxoa]	933332	manitobana McDunnough [Euxoa]	933478
macneilli Hardwick [Schinia]	932109	<i>manitobensis</i> Cassino [Catocala]	930851, N110
<i>macona</i> (Smith) [Orthosia]	932769, N530	Manruta	N610
Macristis	930556	mansueta (H. Edwards) [Pseudohemihyalea]	N691
Macrochilo	930505	<i>mansueta</i> Smith [Acronicta]	931434
Macrocneme	930449	manteo Doubleday [Lochmaeus]	930090
macrodentata Hardwick [Euxoa]	933477	manti (Barnes) [Plagiomimicus]	931653
Macronoctua	932442	manto (Strecker) [Dasychira]	930159
macrostigma (Lafontaine & Mikkola) [Coranarta]	932864	mappa (Grote & Robinson) [Autographa]	931194
Macrurocampa	930067	Marathyssa	931103
mactata (Guenée) ["Platypolia"]	932699, N513	marcida (Guenée) [Mocis]	930943
<i>mactatoides</i> (Barnes & McDunnough) [Mesapamea]	932371, N461	marcidilinea (Grote) [Zanclognatha]	930499, N37
macula (Druce) [Schrunkia]	930668	margana (Fabricius) [Spragueia]	931392
maculata (Smith) [Xestia]	933595	<i>margherita</i> Beutenmüller [Catocala]	930809, N110
maculata Harris [Lophocampa]	930373	marginata of auth. [Virbia]	930303, N22
maculata Pogue [Schinia]	932169	marginidens (Guenée) [Papaipema]	932472
maculosa (Behr) [Drasteria]	930908	margo Schmidt [Grammia]	930251
madefactalis Guenée [Hypena]	930568	margueritaria A. Blanchard [Grotella]	931711
maderensis Lafontaine [Euxoa]	933351	Marilopteryx	933202
madida (Guenée) [Dichagyris]	933248, N609	Marimatha	931284
maestosa Hulst [Catocala]	930789	marina (Grote) ["Aseptis"]	932649, N495
magna (Barnes & Benjamin) [Polia - ssp.]	932871, N545	marina (Smith) [Paramiana]	931588
magna Ferguson [Orgyia]	930162	marinitincta (Harvey) [Lacinipolia]	933066
magnicupida Lafontaine [Abagrotis]	933686	mariposa Grote & Robinson [Alypia]	931983
magnifica Grote [Spragueia]	931381	maritima Bird [Papaipema]	932509
magnimacula D. & L. Handfield [Plusia]	931238	marloffi (Barnes & Benjamin) [Ulolonche]	933122
Magusa	932281	<i>marloffi</i> (Dyar) [Lasionycta]	932988
maida (Dyar) [Hillia]	932623	marmorata Smith [Acronicta]	931473
maimes (Smith) [Euxoa]	933484, N632	marmorata W. H. Edwards [Catocala]	930796
major (Grote) [Sympistis]	931878, N324	martha Barnes [Zanclognatha]	930497
major (Smith) [Tarache]	931371	marthesia (Cramer) [Macrurocampa]	930067
major Grote & Robinson [Datana]	930036	marti Holland [Bryolymnia]	932241
major Smith [Feralia]	931563	martini C.B. Knowlton [Cisthene]	930195
majoralis (Smith) [Idia]	930470	martini Selman & Leuschner [Lacinipolia]	933076
majuscula Herrich-Schäffer [Orthodes]	933136	maryx (Guenée) [Sideridis]	932908
malaca (Grote) [Oxycilla]	930597	masoni (Smith) [Schinia]	932140, N377
malana (Fitch) [Balsa]	931417	Massala	931088
malefida Guenée [Agrotis]	933526	Mastixis	N102
		<i>materna</i> of auth. [Eudocima]	930624

matheri Ferguson [Dasychira]	930149	menea (Drury) [Eudesmia]	930175
Matigramma	931006	mephisto (A. Blanchard) [Properigea]	932722
Matiloxis	N100	<i>mephisto Franclemont [Enargia]</i>	932675
matuta H. Edwards [Alypia - ssp.]	931979, N341	mera Harvey [Annaphila]	931736
<i>mavina (Barnes &amp; McDunnough) [Plagiomimicus]</i>	931651, N296	meralis (Morrison) [Caradrina]	932257, N415
maxima (Dyar) [Apamea]	932336	<i>mercedes Barnes &amp; McDunnough [Euxoa]</i>	933448, N629
mayhewi Hawks [Catocala - ssp.]	930820	meridionalis (Barnes & McDunnough) [Dasychira]	930150
mcdunnoughi (Henne) [Cucullia]	931532	Merolonche	N259
mcdunnoughi Brower [Catocala]	930824	Meropleon	932409
mcfarlandi Opler [Schinia]	932111	merricki (Holland) [Eulepidotis]	N156, N698
meadi (Grote) [Schinia]	932078	mersa (Morrison) [Condica]	931993
meadiana (Morrison) [Sympistis]	931924	Mesapamea	932370
meadowsi Buckett [Feralia]	931566	mescalera Ferguson [Dasychira]	930147
mecrida (Druce) [Apeplopora]	930450	Mesembragrotis	N607
medaminosa Crabo & Lafontaine [Lasionycta - ssp.]	932987	meskei Grote [Catocala]	930807
medialis (Smith) [Euxoa]	933354	Mesogona	932610
medialis Smith [Hydraecia]	932455	messalina Guenée [Catocala]	930831
medina Guenée [Coenipeta]	930991, N142	messoria (Harris) [Euxoa]	933319
mediomacula Barnes & Benjamin ["Orthosia"]	932782	Metalectra	930679
meditata (Grote) [Lacinipolia]	933016, N581	Metalepsis	N642
megaera Smith [Scotogramma]	932854	metaleuca (Hampson) [Acritogramma]	931013, N147
Megalographa	931209	Metallata	931075
Meganola	931121	metallica (Grote) [Autographa]	931203
megapлага (Dyar) [Cobubatha]	931280, N213	metamorpha Dyar [Eulepidotis]	931067
<i>megarena Smith [Schinia]</i>	932158	Metaponpneumata	931640
megocula (Smith) [Ponometia]	931337	metaspilaris Walker [Cobubatha]	931272
<i>melaleuca (Thunberg) [Sympistis]</i>	931930, N333	metaspilella (Walker) [Nycteola]	931145
melalutea (Smith) [Sympistis]	931791	metata (Smith) [Zale]	931043
melana Lafontaine [Euxoa]	933469	metatoides McDunnough [Zale]	931042
Melanapamea	932362	Metaxaglaea	932597
Melanchra	932874	metonalis (Walker) [Phalaenostola]	930512
melanderi Barnes & Benjamin [Nacopa]	931629	Metria	930992
<i>melanographa Hampson [Epidemas]</i>	932651	mexicana (Dognin) [Ectypia]	930421
Melanomma	930591	mexicana (Hampson) [Schinia]	932087, N372
melanopis (Hampson) [Protorthodes]	933115	mexicana Lafontaine [Abagrotis]	933681
<i>melanopyga (Grote) [Bellura]</i>	932514	micacea (Esper) [Hydraecia]	932458
melanospila (Guenée) [Janseodes]	930726, N94	micca (Druce) [Eulepidotis]	931070, N158
melantho (Smith) [Sympistis]	931870	michiganensis Crabo & Lafontaine [Coppableharon]	933269
melanthus (Cramer) [Syntomeida]	930461	Micrathetis	932031
Melaporphyria	932189	microgamma (Hübner) [Syngrapha]	931230
Meleneta	931409	Microhelix	932035
Melipotis	930869	micronympha Guenée [Catocala]	930857
melura McDunnough [Euxoa]	933460	microvalis Ottolengui [Abrostola]	931164
<i>membrosa (Morrison) [Lasionycta]</i>	932972, N569	migrata (Smith) [Apamea - ssp.]	932340
mendica Barnes & Lindsey [Nephelodes]	932812	milleri (Grote) [Protopygia]	933306
mendosa McDunnough [Proxenus]	932268	mima (Harvey) [Heteranassa]	930982

mimallonis (Grote) [Euxoa]	933315	miranda H. Edwards [Catocala]	930842
mimica Poole [Plagiomimicus]	931660	mirifica (H. Edwards) [Drasteria]	930888
Mimobarathra	933187	mirificalis (Grote) [Sympistis]	931861
Mimophisma	931058	miselioides (Guenée) [Phosphila]	932209
mimula (Grote) ["Lacinipolia"]	933079, N584	miserulata (Grote) [Metalectra]	930686
mimuli Behr [Anarta]	N712	Misogada	930066
min Troubridge [Sympistis]	931814	misturata (Smith) [Euxoa]	933468
minatea Dyar [Gerrodes]	931969	mitis (Grote) [Schinia]	932180
mindara Barnes & McDunnough [Proxenus]	932267	mitis (Smith) [Euxoa]	933473
minea (Slosson) [Grammia - ssp.]	930241	mitographa (Grote) [Oxycilla]	930598
minerea (Guenée) [Zale]	931032	mixta (Grote) [Melanapamea]	932362, N454
<i>minerva</i> Cassino [Catocala]	930804, N110	mixta (Neumögen) [Lophocampa]	930371
<i>mineta</i> Franclemont [Parascotia]	930673	mixta (Walker) [Xestia]	933597, N658
miniana (Grote) [Schinia]	932138, N377	mixta Lafontaine & Walsh [Bryolymnia]	932242
minians Guenée [Nephelodes]	932810	mizteca (Schaus) [Dichagyris]	933237, N608
miniata (W. Kirby) [Hypoprepia]	930204	Mniotype	932703
minima (Grote) [Pseudocharis]	930463	mobilis (Walker) [Condica]	931992
minima (Guenée) [Eublemma]	930693, N89	Mocis	930942
minima (Neumögen) [Hypocrisias]	930359	modesta (Barnes & McDunnough) [Rhizagrotis]	932688, N508
minimalis Barnes & McDunnough [Bleptina]	930525	modesta (Hudson) [Furcula]	930029
<i>miniota</i> (Smith) [Mniotype]	932706	modesta (McDunnough) [Sympistis]	931934
ministra (Drury) [Datana]	930033	modesta (Morrison) [Ulolonche]	933120
minna Butler [Nola]	931133	modesta Beutenmüller [Datana]	930041
Minofala	932817	<i>modesta</i> Smith [Hypena]	930587, N52
minor (Barnes & Benjamin) [Hyparpax]	930117	modestella (Barnes & McDunnough) [Stylopoda]	931785
minor (Barnes & McDunnough) [Dolocucullia]	931541	modestoides Poole [Hypena]	930587
minor (Barnes) [Sympistis]	931949	modestula Dyar [Phoenicophanta]	931282
<i>minor</i> (Smith) [Heteranassa]	930983, N140	modica (Guenée) ["Oligia"]	932378
minor Dyar [Meganola]	931124	modica Walker [Acronicta]	931465
minor Lafontaine & Walsh [Baniana]	930751	modicella Grote [Heliolonche]	932184
minoralis of auth. [Zanclognatha]	930491, N36	modulata (H. Edwards) [Inopsis]	930229
minorata (Smith) [Hadena]	932914	moerens (Grote) [Euxoa]	933449
minorata Grote [Fota]	931631	moeschleri (Staudinger) [Lasionycta - ssp.]	932978
minualis Guenée [Hypena]	930580	mojave (Benjamin) [Sideridis]	932903
minus Dyar [Marathyssa]	931105, N168	mojave Lafontaine [Euxoa]	933377
minuscule (Morrison) ["Oligia"]	932384	mollis (Walker) [Feltia]	933488, N633
minuscule (Zeller) [Meganola]	931121	mollissima (Guenée) [Callopietria]	932192
minuta (Barnes & McDunnough) [Eviridemas]	931632	mona (Barnes & McDunnough) [Caradrina]	932262
minuta (Druce) [Afrida]	931159	<i>moneta</i> of auth. [Polychrysis]	931182
minuta Edwards [Catocala]	930856	moneta Schmidt & Anweiler [Charadra]	931407
Miodera	933188	monica (Barnes & McDunnough) [Aseptis]	932644
miona Smith [Annaphila]	931749	monilis (Fabricius) [Hypsoropha]	930628
mira Grote [Catocala]	930844	mono Crabo & Lafontaine [Lasionycta]	933004
mirabilis (Grote) [Abagrotis]	933657	monochromatea (Morrison) [Hemipachnobia]	933546, N643
mirabilis (Neumögen) [Heminocloa]	931763	montana (Bremer) [Caradrina]	932260, N417
Miracavira	931567		
miranda (Grote) [Proxenus]	932266, N421		

montana (Morrison) [Euxoa]	933479	muscosula (Guenée) [Protodeltote]	931290, N217
montana (Packard) [Syngrapha]	931231	musta (Grote & Robinson) ["Lithacodia"]	931292, N218
montanae Grote [Cucullia]	931505	mustapha Dyar [Lithacodia]	N219
montanica (McDunnough) [Anarta]	932832, N538	mustelina (Smith) [Xestia]	933578
<i>montara</i> (Smith) ["Hexorthodes"]	933160	mustelini Crabo & Lafontaine [Copablepharon]	933277
monticola Hulst [Mycterophora]	930675	mut Troubridge [Sympistis]	931880
morandi (Benjamin) [Xestia - ssp.]	933604	mutans Crabo & Lafontaine [Copablepharon]	933273
morbidalis (Guenée) [Chytolita]	930502	mutata (Dod) [Anarta]	932827
moreno Barnes [Ogdoconta]	932019	mutilata (Smith) [Lasionycta]	932975, N570
morigera (H. Edwards) [Polychrysia]	931183	Mycterophora	930674
<i>morna</i> (Strecker) [Resapamea]	932368	mynesalis (Walker) [Tetanolita]	930516
morpheus (Hufnagel) [Caradrina]	932256	myrina Druce [Eucereon]	930444
morrisoni (Grote) [Eupsilia]	932591	myrlosea Dyar [Crambidia]	930222
Morrisonia	932801	Myrmecopsis	930455
morsa (Smith) [Condica]	932013	myrodora (Dyar) [Cosmosoma]	930458
mortua (Grote) [Schinia]	932126	myrtilli (Linnaeus) [Anarta]	N713
mortalis Barnes & McDunnough [Renia]	930541	mys (Dyar) [Orthosia]	932766
morula Grote & Robinson [Acronicta]	931453	Mythimna	932933
mosca (Dyar) [Ianius]	930882	Nacopa	931628
Motya	931155	Nadata	930046
Mouralia	931165	naevia (Smith) [Lacinipolia]	933029
mucens (Hübner) [Morrisonia]	932801	naglei Lafontaine, Ferris & Walsh [Hypotrix]	933177
mucronata (Grote) [Cissusa]	930865	nais (Drury) [Apantesis]	930280
muldersi Lafontaine & Hensel [Euxoa]	933325	nana (Barnes & McDunnough) ["Cryphia"]	932199
muliercula Guenée [Catocala]	930765	nana (Hübner) [Hyperstrotia]	930727, N95
mulina (Schaus) [Protorthodes]	933112	nanaimo Barnes [Ipimorpha]	932677
multicolor (Dyar) [Apamea - ssp.]	932303, N437	nanalis (Grote) [Abagrotis]	933666
multicolor Crabo & Lafontaine [Lasionycta - ssp.]	932999	nanata (Neumögen) [Nocloa]	931581
multifaria (Walker) [Ctenucha]	930436	nannodes (Hampson) [Ponometia]	931321
multifera (Walker) [Caradrina]	932261	napaea (Morrison) [Litholomia]	932530
multilinea Barnes & McDunnough [Tyrissa]	930969	Narthechophora	931730
multilinea Walker [Leucania]	932945	nasar (Smith) [Lithophane]	932562
mundissima Walker [Concana]	931157	natatrix Guenée [Isogona]	930733
mundula (Zeller) [Ommatochila]	930725	navia (Harvey) [Plagiomimicus]	931658, N297
munis (Grote) [Euxoa]	933467	Neadysgonia	930957
munna (Dyar) [Tripudia]	931258, N204	nebris (Guenée) [Papaipema]	932501
murdocki (Smith) [Euxoa]	933451	nebula Barnes & McDunnough [Ozarba]	931305
muricina (Grote) [Stretchia]	932758	nebulosa W. H. Edwards [Catocala]	930787
muricolor (Dyar) [Opharus]	930385	necopina (Grote) [Papaipema]	932510
murina (Stretch) [Pygarctia]	930423	nectarea Möschler [Cecharismena]	930748
murina Mustelin [Aseptis]	932633	Nedra	932283
murrayi (Gibson) [Apamea - ssp.]	932351	nedyma Franclemont [Arachnis]	930328
Mursa	930713	nefascia (Smith) [Abagrotis]	933663
<i>mus</i> (Troubridge & Crabo) [Sympistis]	931807, N317	<i>nefascia</i> of auth. [Abagrotis]	933682
mus Lafontaine [Anicla]	933226	negalis Barnes & McDunnough [Tetanolita]	930519
<i>musa</i> (Smith) [Agrotis]	933522, N638	<i>neglecta</i> Strecker [Schinia]	932118
muscosa (Hampson) [Pseudobryomima]	932730	Neleucania	933165

nelita (Strecker) [Papaipema]	932506	nigrocaput (Smith) [Sympistis]	931874
Nelphe	930446	nigrofimbria (Guenée) [Marimatha]	931284, N214
nemoralis Barnes & McDunnough [Renia]	930531	nigrolunata Packard [Anarta]	932823, N536
nenun Troubridge [Sympistis]	931882	nilotica (Rogenhofer) [Garella]	931141, N176
Neoarctia	930235	nimbosa (Guenée) [Polia]	932867
neoclivis (Barnes & Benjamin) [Dichagyris]	933235	nipana (Smith) ["Hexorthodes"]	933160, N593
neoeductalis Lafontaine & Schmidt [Hypena]	N53	Niphonyx	932716
Neogalea	931770	nita (Smith) [Sympistis]	931864
neogama (J.E. Smith) [Catocala]	930790	nitidimacula Guenée [Gonodonta]	930621, N66
Neogrotella	931717	nivalis (Smith) [Leucocnemis]	931619
Neoligia	932387	nivea (Neumögen) [Furcula]	930026
neomexicana Barnes [Pygarctia]	930425	niveicosta (Smith) [Schinia]	932146
neomexicana Doll [Datana]	930044	niveicosta Smith [Neleucania]	933168
Neophaenis	932279	niveiguttata (Grote) [Ulolonche]	933126
Neoplynes	930400	niveilinea (Grote) [Euxoa]	933458
Neotarache	931300	niveirena (Harvey) [Properigea]	932727
Neotuerta	931970	niveivenosa (Grote) [Apamea]	932355, N444
nepheleptena (Dyar) [Papaipema]	932473	nobilitella (Cramer) [Cydosia]	931255
Nephelodes	932810	Nocloa	931577
Nerice	930018	noctar (Schaus) [Acritogramma]	931014, N148
<i>nerissa</i> H. Edwards [Catocala]	930860, N110	noctivaga Grote [Acronicta]	931476
Neritos	930392	Noctua	933551
neumoegeni H. Edwards [Xanthothrix]	931670	noctuidalis (Dyar) [Nychioptera]	930721
Neumoegenia	931699	noctuiiformis Barnes & McDunnough [Ursia]	930095
nevada (Smith) [Euxoa]	933471	noctuiiformis Neumögen [Aon]	930632, N72
nevada Crabo & Lafontaine [Copablepharon]	933272	noela (Druce) [Bistica]	931761
nevadae (Grote) [Lacanobia]	932878, N543	Nola	931129
nevadensis (Grote & Robinson) [Grammia]	930258	noloides Barnes & McDunnough [Dyspyralis]	930672
<i>nevadensis</i> Beutenmüller [Catocala]	930806, N110	nomas (Erschov) [Euxoa]	933476
nexilis Morrison [Eutricopis]	932038	nongenerica Barnes & Benjamin ["Orthosia"]	932783
ni (Hübner) [Trichoplusia]	931168	normalis Grote [Acerra]	932755
niana Dyar [Amiana]	931283	normani (Grote) [Crocigrapha]	932784
<i>nichollae</i> (Hampson) [Drasteria]	930896, N129	normanianus (Grote) [Xestia]	933573
nichollae (Hampson) [Plusia]	931237	nostra (Smith) [Euxoa]	933425
nichollae Hampson [Apamea - ssp.]	932351	notalis Grote [Fotella]	932034, N355
nigellus (Strecker) [Dyspyralis]	930671	Notarctia	930276
<i>nigerrima</i> (Smith) [Copanarta]	931781, N313	notata Strecker [Tricholita]	933194
Nigetia	930655	Notela	930136
nigra (Mustelin) [Ponometia]	931328	Notioplusia	931175
nigra (Smith) [Eurois]	933562	Notodonta	930015
nigra Anweiler [Panthea - ssp.]	931398	notodontoides Walker [Elymiotis]	930124
<i>nigrescens</i> (Engel) [Lithophane]	932550, N490	nova (Smith) [Tridepia]	932862
nigricans (Reakirt) [Virbia]	930304	novanda (Guenée) [Melipotis]	930880
nigrior (Smith) [Apamea]	932296	noverca (Grote) ["Orthodes"]	933143, N591
nigrita (Boisduval) [Sympistis]	931931	nubicola (Behr) [Drasteria]	930907
nigrita (Graeser) [Feltia]	933489	nubifera Hampson [Paectes]	931115
nigrobasis (Guenée) [Melipotis]	930873	nubila (Strecker) [Schinia]	932117, N375

nubilis (Hübner) [Euparthenos]	931055	obsurella Barnes & McDunnough [Leucocnemis]	931620
nuchalis (Grote) [Schinia]	932061, N365	obscurifascia Troubridge & Lafontaine [Brachylomia]	
nucicolora (Guenée) [Elaphria]	932226		932658
nugatis (Smith) [Polia]	932873	obscurior Franclemont & Todd [Matigramma]	931007
numa (Druce) [Cobubatha]	931274	<i>obscurior</i> Guenée [Cucullia]	931508, N267
nundina (Drury) [Schinia]	932156	obscuripennis (Grote) [Zanclognatha]	930494
nupera (Lintner) [Xylena]	932519	obscuroides Poole [Apamea - ssp.]	932355, N449
nuptialis Walker [Catocala]	930828	obscurus Smith [Epidemas]	932651, N496
nutrix (Cramer) [Gonodonta]	930617	obsita (Guenée) [Zale]	931020, N150
Nychioptera	930721	obtusa (Herrich-Schäffer) [Azenia]	931724
Nycteola	931142	obtusa (Smith) ["Oligia"]	932385
Nycterophæta	N273	obtusa (Smith) [Supralathosea]	931574
Nystalea	930121	obvertens (Walker) [Massala]	931088
oaklandiae (Barnes & McDunnough) ["Cryphia"]	932198	occata (Grote) [Sympistis]	931801
oaklandiae (McDunnough) [Anarta]	932840	occidens (Grote) [Apamea]	932332
oaxacana Schaus [Leucania]	932952	occidentalis (Lintner) [Furcula]	930027, N9
obatra (Morrison) [Spragueia]	931390	occidentalis (Smith) [Idia]	930483, N32
obeliscoides (Guenée) [Euxoa]	933428	occidentalis Hawks [Catocala - ssp.]	930825
oberfoelli Hardwick [Euxoa]	933429	occidentalis Lafontaine & Byers [Euxoa]	933410
obesula (Smith) [Anarta]	932836	occulta (H. Edwards) [Drasteria]	930892
oblata (Morrison) [Xestia]	933575	occulta (Linnaeus) [Eurois]	933560
oblinita (J.E. Smith) [Acronicta]	931485	oceanis Robertson & Mustelin [Trichocerapoda]	933084
obliqua (Guenée) [Zale]	931034	ocellata (Barnes & McDunnough) [Walterella]	931604
obliqua (Smith) [Agrotis]	933522	ochoa (Barnes) [Plagiomimicus]	931646, N295
<i>obliqua</i> (Smith) [ <i>Phuphena</i> ]	932212	ochracea (Behr) [Drasteria]	930898
obliqua (Walker) [Bellura]	932517	ochracea (Smith) [Andropolia]	N704
obliqua Harvey [Hydraecia]	932456	ochracea (Smith) [Psammopolia]	933015
obliqua Packard [Heterocampa]	930075	ochrea Barnes & McDunnough [Aleptinoides]	931731
obliqua Smith [Amolita]	931061	<i>ochreipennis</i> (Grote) [Zanclognatha]	930500
obliqua Smith [Schinia]	932167	ochrimacula (Barnes & McDunnough) [Hydroeciodes]	
obliqualis (Dyar) [Phytometra]	930719		933208
obliqualis (H. Edwards) [Hemeroplanis]	930711	ochrocraspis Hampson [Cobubatha]	931273, N209
obliquata (Grote & Robinson) [Dasychira]	930154	ochrogaster (Guenée) [Euxoa]	933424
<i>obliquata</i> (Smith) [ <i>Pleromelloida</i> ]	931777	Ochropleura	933529
oblita (Grote) [Trichocerapoda]	933083	<i>octo</i> (Guenée) [ <i>Amyna</i> ]	931253
obliterata (Stretch) [Holarctia]	930239	octomaculata (Fabricius) [Alypia]	931979
obliviosa (Walker) [Agroperina]	N703	octoscripta (Grote) [Syngrapha]	931212
oblonga (Grote) [Capsula]	932438, N477	ocularis Lafontaine, Ferris & Walsh [Hypotrix]	933175
oblongistigma (Smith) [Euxoa]	933444	oculata Smith [Schinia]	932170
Obrima	931073	oculatalis (Möschler) [Carteris]	930544
obrotunda (Guenée) [Paectes]	931116	oculatrix (Guenée) [Paectes]	931106
<i>obscura</i> (Barnes & McDunnough) [Apamea]	932355	Odontosia	930013
obscura (Grote) [Gabara]	930639	odorata (Linnaeus) [Ascalapha]	930759
obscura (Smith) ["Orthodes"]	933142, N591	<i>of of auth.</i> [ <i>Enargia</i> ]	932676
obscura Strecker [Catocala]	930773	Ogdoconta	932018
obscurata (Barnes & McDunnough) [Sympistis]	931885	ogilviana Lafontaine [Xestia - ssp.]	933605
obscurata Strecker [Schinia]	932119, N375	ogilviensis Lafontaine [Parabarrovia]	933623

okakensis (Packard) [Xestia]	933604, N660	Ophiuche	N48
oleagina Morrison [Schinia]	932094, N373	ophthalmica (Guenée) [Baileya]	931149
olga Smith [Andropolia]	932683, N507	opigena (Drury) [Hemeroblemma]	930755
olgae Sala [Annaphila]	931745	opina (Grote) [Dryotype]	932702
Oligia	932375	opistographa Guenée [Itomia]	930978, N139
“Oligia”	932377	opleri Lafontaine [Copablepharon]	933285
Oligocentria	930105	opleri Troubridge [Sympistis]	931941
<i>olivacea</i> (Grossbeck) [Tripudia]	931270	Opsigalea	931542
olivacea (Morrison) [Lacinipolia]	933053	opter Dyar [Pleromella]	931559
olivacea (Skinner) [Autoplusia]	931173	optima (Dyar) [Hypotrix]	933180
olivacea (Smith) [“Cryphia”]	932195, N394	opulenta (H. Edwards) [Arctia]	930291
olivacea Barnes & McDunnough [Grotella]	931713	<i>orba</i> (Smith) [Tarache]	931366, N233
olivacea Smith [Schinia]	932068	orba Kusnezov [Catocala]	930843
olivalis (Barnes & McDunnough) [Lineostriastiria]	931668	orbicularis (Barnes & McDunnough) [Sympistis]	931925
olivalis (Grote) [Euxoa]	933442	orbiculata (Smith) [Ulolonche]	933125
olivata (Harvey) [Mesogona]	932610	orbifera (Walker) [Magusa]	932281, N430
olivia (Morrison) [Euxoa]	933318	orbis (Grote) [Abagrotis]	933676
<i>olivia</i> Barnes & McDunnough [Fotella]	932034	orciferalis (Walker) [Macrochilo]	930511
<i>olivia</i> H. Edwards [Catocala]	930848, N110	ordinarius (Butler) [Dypterygia]	932275, N426
<i>olivioides</i> Barnes & Benjamin [Fotella]	932034	oregona Smith [Leucania]	932940, N558
olorina (Grote) [Andropolia]	932682	oregonensis (Stretch) [Cycnia]	930405
olschwangi Dubatolov [Arctia]	930293, N20	oregonensis Butler [Nadata]	930047
olvello Barnes [Plagiomimicus]	931647	oregonica (Grote) [Anarta]	932831
olympia Crabo [Apamea - ssp.]	932316	oregonica (H. Edwards) [Heliothis]	932050
omilaki Lafontaine [Parabarrovia]	933622	orgiae (Grote) [Phytometra]	930720
omissa Dod [Cucullia]	931507	Orgyia	930160
Ommatochila	930725	oribac Barnes [Cucullia]	931512
Ommatostola	N450	orida (Smith) [Scotogramma]	932857
ona (Smith) [Apamea - ssp.]	932339	<i>orion</i> McDunnough [Catocala]	930807, N110
onagrus (Guenée) [Spragueia]	931386	oriunda Grote [Lithophane]	932541
Oncocnemis	N315	ornata (Packard) [Grammia]	930271
oncocnemoides (Barnes & Benjamin) [Euxoa]	933363, N624	ornatrix (Linnaeus) [Utetheisa]	930348, N24
ondo (Barnes) [Oxycilla]	930599	orneodalis Guenée [Lascoria]	930550
ononensis (Bremer) [Pseudohermonassa]	933632	ornithogalli (Guenée) [Spodoptera]	932219
ononis (Fabricius) [Heliothis]	932049	orobia (Harvey) [Protorthodes]	933114
onusta Grote [Macronoctua]	932442	Orodesma	930917
Onychagrotis	N637	orophila Hampson [Syngrapha]	931221
<i>onychina</i> (Guenée) [Egira]	932799, N533	<i>orphnina</i> (Dyar) [“Photedes”]	932424, N473
opacifrons (Grote) [Coenophila]	933624, N669	orta (Barnes & McDunnough) [Condica]	931996
opada Franclemont [Nychioptera]	930723	Orthodes	933136
<i>opalisans</i> of auth. [Leucania]	932956	“Orthodes”	933140
opella (Grote) [Virbia]	930297	orthogonia Morrison [Agrotis]	933512
Opharus	930385	<i>orthogonoides</i> McDunnough [Agrotis]	933512, N638
ophelia H. Edwards [Catocala]	930840	Orthomoia	932418
ophiogramma (Esper) [Lateroligia]	932363, N455	Orthosia	932762
Ophisma	931057	“Orthosia”	932782
		orthozona (Hampson) [Cobubatha]	931276, N211

“Oruza”	930698	<i>pallescens</i> McDunnough [ <i>Panthea</i> ]	931396
osiris Troubridge [Sympistis]	931840	<i>pallescens</i> Smith [Hydraecia]	932454, N480
oslari (Rothschild) [Hypercompe]	930326	<i>palliatricula</i> (Guenée) [Chytonix]	932713
oslari Dyar [Aflia]	930055	<i>pallicincta</i> Smith [ <i>Schinia</i> ]	932138
Oslaria	931575	<i>pallida</i> (Barnes & Lindsey) [“ <i>Cryphia</i> ”]	932201
ostenta (H. Edwards) [Virbia]	930296	<i>pallida</i> (Barnes) [Sympistis]	931895
osticollis Troubridge [Euros]	932405	<i>pallida</i> (Smith) [Emarginea]	931605
othello Smith [Acronicta]	931484	<i>pallida</i> (Strecker) [Oligocentria]	930107
otignatha Hampson [Aglaonice]	930743, N96	<i>pallida</i> Fauske & Lafontaine [Protogygia]	933301
ottolenguii (Dyar) [Syngrapha]	931211, N193	<i>pallida</i> Packard [Crambidia]	930219
ou (Guenée) [Rachiplusia]	931176	<i>pallida</i> Troubridge & Lafontaine [Brachylomia]	932660
oula Dyar [Bagisara]	931245	<i>pallidicollis</i> (Grote) [Setagrotis]	933633, N675
ovalis (Grote) [Ptichodis]	930936	<i>pallidimacula</i> Lafontaine [Euxoa]	933376
ovalis Guenée [Abrostola]	931161	<i>pallidioides</i> Poole [“ <i>Cryphia</i> ”]	932201, N397
ovata Grote [Acronicta]	931463	<i>pallidior</i> (Barnes) [Sympistis]	931948, N337
oviduca (Guenée) [Protorthodes]	933113	<i>pallidior</i> Dyar [Palpidia]	930646
ovilla Grote [Nola]	931135	<i>pallifera</i> (Grote) [Apamea]	932357, N451
Oxycilla	930595	<i>palligera</i> (Grote) [Pseudeva]	931185
Oxycnemis	931611	<i>palligera</i> (Smith) [Tetanolita]	930517
oxygala (Grote) [Mythimna]	932933, N557	<i>pallimedia</i> Smith [Crimona]	931610
oxygramma (Geyer) [Ctenoplusia]	931169, N183	<i>pallipennis</i> (Smith) [Euxoa]	933393
oxymorus Grote [Admetovis]	932806	<i>pallula</i> H. Edwards [Raphia]	931413, N248
Ozarba	931302	<i>palmillo</i> (Barnes) [Tricholita]	933201, N598
pacalis (Walker) [Ptichodis]	930935	<i>palparia</i> (Walker) [Hypena]	930565
pachet Troubridge [Sympistis]	931884	Palpidia	930646
Pachnobia	N656	Palthis	930551
Pachypolia	932708	<i>palustris</i> Ferguson [Hypenodes]	930663
pacifica (Harvey) [Orthosia]	932777	<i>pampina</i> (Guenée) [Eucirroedia]	932609
pacifica (Smith) [Amphipoea]	932448, N481	<i>pampolycala</i> (Dyar) [ <i>Dichagyris</i> ]	933242
pacifica Behr [Notodonta]	930016	<i>panatela</i> (Smith) [Photodes]	932422, N471
pacifica McDunnough [Anhimella]	933087	Pangrapta	930559
pacifica McDunnough [Stretchia]	932759	<i>pannosa</i> Guenée [Epidromia]	930976
pacifica Schaus [Bagisara]	931242	Panopoda	931089
packardii (Grote) [Cisseps]	930441	<i>pantholon</i> (Fabricius) [Horama]	930465
packardii (Grote) [Cisthene]	930189	Panthea	931393
packardii (Morrison) [Hippia]	930125	Panula	930883
Paectes	931106	<i>papago</i> Barnes [Eulithosia]	931686
Pagara	930396	Papaipema	932465
pagosa Troubridge & Lafontaine [Neoligia]	932394	Papestra	932892
palaeogama Guenée [Catocala]	930784	Parabagrotis	933643
palata (Grote) [Pseudopanthea]	931402	Parabarrovina	933621
paleacea (Esper) [Enargia]	N503	Paradiarsia	933544
palilis (Harvey) [Lacinipolia]	933031	<i>paradisus</i> (Benjamin) [Oligocentria]	930112
pallens (Barnes & McDunnough) [Pharga]	930649	<i>paradoxus</i> Grote [Heliocheilus]	932058
pallens (Tepper) [Nocloa]	931579	Parahypenodes	930667
pallescens (Grote & Robinson) [Drasteria]	930900	<i>parallela</i> (Grote) [Acronicta]	931434
pallescens McDunnough [Mniotype]	932704	<i>parallela</i> (Grote) [Hypotrix]	933172

parallela (Smith) [Hemeroplanis]	930708	pectinata (Smith) [Perigonica]	932754
Parallelia	930961	pectinata Lafontaine [Protopygia]	933303
Paramiana	931586	<i>pectinicornis</i> Smith [ <i>Feltia</i> ]	933502
Parapamea	932464	pedipilalis (Guenée) [Zanclognatha]	930495
paraphora (Dyar) [Clostera]	930007	pelagica Mikkola [Apamea - ssp.]	932351
Pararctia	930285	pensilis (Grote) [Lacinipolia]	933042
Parascotia	930673	<i>penthis</i> of auth. [ <i>"Lithacodia"</i> ]	931294
Parasemia	930283	Pentobesa	930132
Parastichtis	932625	penumbrata Hulst [Sigela]	930658
Paratrachea	931569	pepita Guenée [Basilodes]	931676
parcata (Smith) [Apamea - ssp.]	932329	peralta (Barnes) [Homoeanarta]	932746
pardalis (Smith) [Toxonprucha]	930996	perangulata (H. Edwards) [Oligocentria]	930109
parentalis (Grote) [Richia]	933264	Peraniana	932445
paresa (Smith) [Zaleops]	931005, N145	perattentus (Grote) [Eueretagrotis]	933569
Pareuchaetes	930387	perblanda Ferguson [Acronicta]	931456
parilis (Hübner) [Syngrapha]	931233	perbrunnea (Grote) [Anhimella]	933085
parista (Schaus) [Condica]	932004, N350	percara (Morrison) [Emarginea]	931606
parmeliana (H. Edwards) [Schinia]	932115, N375	perculata Franclemont [Zale]	931054
parta Guenée [Catocala]	930798	perdentata (Schaus) [Leucanopsis]	930377
parthenice (W. Kirby) [Grammia]	930246	perdita Grote [Acronicta]	931482
parthenos (Harris) [Platarctia]	930288	perditalis (Walker) [Ledaia]	930560
partita (McDunnough) [Xestia - ssp.]	933606	perexcellens (Grote) [Euxoa]	933356
partita Guenée [Galgula]	932249	perflava (Harvey) [Azenia]	931726
<i>partitalis</i> (Smith) [ <i>Idia</i> ]	930483	perforata (Grote) [Protorthodes]	933108
parvacana (Troubridge & Crabo) [Sympistis]	931809	perfragilis (Dyar) [Lacinipolia]	N714
parvanigra (Blackmore) [Sympistis]	931808	perfumosa (Hampson) [Aseptis]	932628
<i>parvimacula</i> Smith [ <i>Cosmia</i> ]	932670, N501	perfundis (Smith) [Leucocnemis]	931618
parvipuncta Barnes & McDunnough [Grotella]	931705	perfuscaria Grote [Prosoparia]	930690
parvula (Herrich-Schäffer) [Lacinipolia]	933078	pergentilis Grote [Hadenella]	932822, N535
parvula (Walker) [Ponometia]	931325	periculosa Guenée [Phlogophora]	932292
parvula Barnes & McDunnough [Abrostola]	931163	Peridea	930048
parvulalis (Barnes & McDunnough) [ <i>Idia</i> ]	930484	Peridroma	933211
parvulata Mustelin [Protoperigea]	932254	Perigea	931986
pasiphaeia (Grote) [Autographa]	931205	Perigonica	932750
passer (Guenée) [Resapamea]	932368, N458	perissa Nye [Paramiana]	931589
<i>pata</i> of auth. [ <i>Charadra</i> ]	931405	perlaeta (H. Edwards) [Forsebia]	930884
patalis (Grote) [Lacinipolia]	933077	perlevis Grote [Euchaetes]	930407
patefacta (Walker) [Lithophane]	932532	perlubens (Grote) [Egira]	932797
patella of auth. [Clemensia]	930216, N15	permaculata (Packard) [Hypercompe]	930321
patina (Harvey) [Dypterygia]	932274	perminuta (H. Edwards) [Schinia]	932101
patricia (Grote) [Neleucania]	933166	permixta McDunnough [Euxoa]	933374
<i>patula</i> Walker [ <i>Agrotis</i> ]	933510, N638	pernana (Grote) [Chamaeclea]	931759
paulula Troubridge & Crabo [Hadena]	932923	pernotata (Grote) [Sympistis]	931901
paupercula Grote [Acronicta]	931439	perobliqua Hampson [Hydraecia]	932459
pausis (Smith) [Aseptis]	932637	perolivalis (Barnes & McDunnough) [Properigea]	932726
paviae (Strecker) [Aseptis]	932636	perolivalis (Smith) [Euxoa]	933480
peabodyae (Dyar) [Pronoctua]	933691, N685	perophoroides (Strecker) [Hyparpax]	930119

perpallida Grote [Acopa]	931627	Phobolosia	930654
perpendicularis (Guenée) [Melipotis]	930869	phoca (Möschler) [Lasionycta]	932998, N570
perpensa (Grote) [Apamea]	932305	Phoenicophanta	931281
perplexa (H. Edwards) [Drasteria]	930909	Phoenicoprocta	930467
perplexa (Smith) [Lasionycta]	932988, N574	pholus (Drury) [Lycomorpha]	930201
perplexa Franclemont [Pseudanarta]	932741	Phosphila	932208
perplexella Crabo & Lafontaine [Lasionycta]	932989	Phosphila fernae	932210
perpolita (Morrison) [Euxoa]	933481	Photedes	932419
perquiritata (Morrison) [Xestia]	933606, N662	“Photedes”	932424
perrosea (Dyar) [Cisthene]	930186	phrada Druce [Ptychogene]	930209
perscripta (Guenée) [Sympistis]	931797, N316	phragmatidicola of auth. [Leucania]	932943
persimilis (Grote) [Schinia]	932108	Phragmatobia	930332
perspicua Grote & Robinson [Datana]	930039	phragmitidicola Guenée [Leucania]	932943
perstructana (Walker) [Spragueia]	931384	Phryganidia	930138
perta (Druce) [Lacinipolia]	933049	phtisialis (Guenée) [Mursa]	930713, N93
pertanda Dyar [Eutelia]	N172	Phuphena	932212
pertincta Dyar [Papaipema]	932479	phya (Druce) [“Lithacodia”]	931294, N220
pertorrida (McDunnough) [Lithophane]	932579	phylla (Dyar) [Meganola]	931122, N174
perturba McDunnough [Homorthodes]	933101	phyllira (Drury) [Grammia]	930242
peruncta (Guenée) [Zale]	931017, N149	phyllophora (Grote) [Lycophotia]	933547, N644
pervertens (Barnes & McDunnough) [Hyperstrotia]	930729	Phyprosopus	931101
pestula Smith [Euxoa]	933347	Physula	930543
petalama Lafontaine [Abagrotis]	933674	Phytometra	930716
Petalumaria	931597	<i>pi</i> Barnes & Lindsey [ <i>Hyperepia</i> ]	933127, N588
petrealis Grote [Chytolita]	930503	piatrix Grote [Catocala]	930762
petricola (Walker) [Drasteria]	930905	piazzi Hill [Raphia]	931416, N249
pettiti (Grote) [Pyreferra]	932586	picina (Grote) [Sympistis]	931905, N327
petulans (H. Edwards) [Schinia]	932125	picta (Barnes & McDunnough) [Cisthene]	930192
petulca Grote [Lithophane]	932536	picta (Harris) [Melanchra]	932875
pexata Grote [Lithophane]	932545	picta Packard [Arachnis]	930327
phaea (Hampson) [Lasionycta]	932971, N568	pictipennis (Grote) [Heliolonche]	932187, N389
<i>phaedra</i> Druce [ <i>Cydosia</i> ]	931256, N201	pictipennis McDunnough [Stretchia]	932757
phaeocapna Franclemont [Zale]	931033	pictum Fauske & Lafontaine [Copablepharon]	933271
<i>phairi</i> (McDunnough) [ <i>Sympistis</i> ]	931835, N317	piffardi (Walker) [Sympistis]	931909
Phalaenophana	930487	pilacho (Barnes) [Nocloa]	931582
Phalaenostola	930512	pilipalpis (Grote) [Leucania]	932967
phalerata (Harris) [Apantesis]	930278	pima Barnes & Benjamin [Hemioslaria]	931762
Phaloesia	930351	pimensis Barnes & McDunnough [Euxoa]	933383
Pharga	930649	pinalensis (Benjamin) [Oligocentria]	930111
phasma Harvey [Euerythra]	930398	piniae Buckett & Bauer [Euxoa]	933420
phecolisca (Druce) [Ponometia]	931322	piniae Buckett & Bauer [Polia]	932866
Pheosia	930012	pinicola (Dyar) [Dasychira]	930157
philipiana Ferguson [Grammia]	930249	piratica Schaus [Eutelia]	N172
Phlogophora	932291	piscimala Ferris & Lafontaine [Marimatha]	931288
phloxiphaga Grote & Robinson [Heliopsis]	932046	piscipellis (Grote) [Tesagrotis]	933637
Phlyctaina	930546	pityochromus Grote [Plagiomimicus]	931661, N295
Phoberia	930862	placentia (J.E. Smith) [Grammia]	930243

placida (Grote) [Abagrotis]	933672	Polypogon	N34
plagiata (Walker) [Dasychira]	930156	ponderosa Troubridge & Lafontaine [Lithophane]	932560
plagiata Smith [Nocloa]	931577	Ponometia	931306
plagigera (Morrison) [Euxoa]	933396	<i>popofensis</i> (Smith) [Apamea]	932347
Plagiomimicus	931646	populi (Strecker) [Brachylomia]	932653
<i>planalis</i> (Grote) ["Hexorthodes"]	933152	porrectalis (Fabricius) [Hypena]	930583
<i>planifrons</i> (Smith) [Setagrotis]	933633	<i>portlandia</i> Grote [Panthea]	931399
plantaginis (Linnaeus) [Parasemia]	930283	<i>portlandia</i> H. Edwards [Pheosia]	930012, N4
Platarctia	930288	postera Fauske & Lafontaine [Protopygia]	933294
Plathypena	N48	postera Guenée [Cucullia]	931509
Platypolia	932696	<i>postica</i> (Smith) [Anarta]	932845, N541
"Platypolia"	932699	posticata (Harvey) [Protoperigea]	932251
Platyrepia	930289	potamus Troubridge & Lafontaine [Hyppa]	932666
Platysenta	N346	praeacuta (Smith) [Cosmia]	932670, N500
plebeia (Smith) [Xestia]	933577, N650	praecelsa Ferguson [Bagisara]	931248
pleonectusa Grote [Ipimorpha]	932679, N504	praeclara Grote & Robinson [Catocala]	930847
Pleromella	931559	praeifica (Grote) [Spodoptera]	932217
Pleromelloida	931777	praefixa (Morrison) [Richia]	933267, N613
plesioglaucia (Dyar) [Eulithosia]	931685	praegracilis (Grote) [Neleucania]	933169
pleuritica (Grote) [Euxoa]	933346	Praeschausia	930094
plicatus Grote [Ufeus]	932710, N523	praeses (Grote) [Orthosia]	932765
plumasata (Buckett & Bauer) [Hadena]	932921, N554	praevia Lafontaine [Xestia]	933585
plumbea Stretch [Cisthene]	930184	prasina ([Denis & Schiffermüller]) [Anaplectoides]	933564
plumipes (Drury) [Horama]	930466	preblei (Benjamin) [Lasionycta - ssp.]	932992
pluralis (Grote) [Euxoa]	933372	precationis (Guenée) [Autographa]	931191
Plusia	931235	pressus (Grote) [Anaplectoides]	933565
plusiaeformis H. Edwards [Stretchia]	932756	pretiosa (Morrison) [Cirrhophanus]	931682, N302
Plusiodonta	930622	pretiosa Lintner [Catocala]	930849, N120
plutonia (Grote) [Apamea]	932304	prima Smith [Stretchia]	932761
<i>poaphiloides</i> of auth. [Epidromia]	930976	primula (Barnes & McDunnough) [Unciella]	931623
poca (Barnes & Benjamin) [Lasionycta]	932982, N573	privata (Walker) [Anomis]	930604
Podagra	931721	privata (Walker) [Sutyna]	932707, N519
poetica Grote [Neumoegenia]	931699	procinctus (Grote) [Dargida]	932925, N555
poeyi Grote [Euscirrhopterus]	931973, N338	proclivis (Smith) [Dichagyris]	933234
Polia	932865	prodeniformis (Smith) [Trichordestra]	932891
polia Druce [Psilopleura]	930453, N27	<i>profundus</i> (Smith) [Sutyna]	932707
poliafascies (Dyar) [Sympistis]	931787, N315	progenies (Guenée) [Kakopoda]	930995
Policocnemis	931608	prognata McDunnough [Lacinipolia]	933024
polingi (Barnes & Benjamin) [Protopygia]	933302	Prognorisma	933625
polingi (Cassino) [Euchaetes]	930414	projecta (McDunnough) [Anarta]	932841
polingii (Barnes) [Sympistis]	931789	prolata (Walker) [Melipotis]	930877
poliochroa (Hampson) [Sympistis]	931853, N322	promulsa (Morrison) [Lasionycta]	933005, N578
Poliopastea	930464	prona (Möschler) [Epitaua]	931081
polycala Lafontaine [Dichagyris]	933243	Pronoctua	933689
Polychrysia	931182	pronuba (Barnes & McDunnough) [Supralathosea]	931573
Polygrammate	931497	pronuba (Linnaeus) [Noctua]	933551, N646
polymniae Bird [Papaipema]	932490	propera (Grote) [Ozarba]	931303

Properigea	932718	Pseudocopivaleria	931555
prophaea (Schaus) [Neritos]	930392	pseudogamma (Grote) [Autographa]	931196
propinqualis Guenée [Rivula]	930592	Pseudohadena	932690
propinquilinea (Grote) [Colocasia]	931401	Pseudohemihyalea	930380
propodea McCabe [Polia]	932870	Pseudohermonassa	933629
proprius H. Edwards [Euros]	932406	pseudolichena Mustelin & Leuschner [Aseptis]	932638
Propyria	930196	Pseudopanthea	931402
Proragrotis	N607	Pseudoplusia	N184
Proroblemma	930697	Pseudorgyia	930647
proruptus Grote [Heliothis]	932051	Pseudorichia	N607
Prosoparia	930690	Pseudorthodes	933128
Protagrotis	N444	Pseudorthosia	N607
Protapamea	932360	Pseudoseptis	N607
Prothrinax	931603	Pseudosphex	930454
Protodeltote	931290	pseudotsugata (McDunnough) [Orgyia]	930164
Protogygia	933291	Psilopleura	930452
Protolampra	933648	Psychomorpha	931975
<i>protonympha</i> Boisduval [Catocala]	930834, N119	ptah Troubridge [Sympistis]	931851
Protoperigea	932250	pteridis H. Edwards [Spilosoma]	930314
Protorthodes	933103	pterisii Bird [Papaipema]	932489
Protoschinia	N365	pterygostigma Dyar [Pygarctia]	930424
protumnusalis (Walker) [Zanclognatha]	930496	Ptichodis	930931
Provia	931560	ptilodonta (Grote) [Scotogramma]	932853
Proxenus	932266	Ptychoglène	930208
proxima (Guérin-Ménéville) [Notarctia]	930276	ptychophora Grote [Fala]	931645
proxima (Morrison) [Condica]	932000	pudorata (Smith) [Sympistis]	931869
pruena (Dyar) [Lithophane]	932574	puella (Smith) [Lithophane]	932575
<i>pruni</i> Harris [Acronicta]	931460, N255	puengeleri (Bang-Haas) [Holoarctia]	930234
Psammathodoxa	930631	puerilis (Grote) [Pseudorthodes]	933133
Psammopolia	933011	pugione (Linnaeus) [Empyreuma]	930448
Psaphida	931548	pulchella (Harvey) [Orthosia]	932763
Psectraglaea	932608	pulchella (Herrich-Schäffer) [Spodoptera]	932218
Psectrotarsia	932043	pulchella (Smith) [Agrochola]	932614
psegmapteryx (Dyar) [Toxonprucha]	931003	pulcherrimus (Grote) [Eutelia]	931118
Pseudacontia	931772	pulchra (Barnes & McDunnough) [Drasteria]	930912
Pseudaletia	N557	pulchra (Barnes & McDunnough) [Ponometia]	931331
Pseudalypia	931380	pulchrata (Blackmore) [Abagrotis]	933662
Pseudanarta	932732	pulchripennis (Grote) [Schinia]	932088
Pseudanthoecia	932748	pulla (Grote) [Cucullia]	931538, N276
Pseudanthracia	931015	pulverea Crabo & Lafontaine [Lasionycta]	933007
pseudargyria Guenée [Leucania]	932966	pulverea Smith [Narthechophora]	931730
Pseudeustrotia	932205	pulverilinea Grote [Matigramma]	931006, N146
Pseudeva	931184	pulverina Neumögen [Bruceia]	930213
Pseudhapigia	930120	pulverosalis (Walker) [Gabara]	930645
pseudoastrologa Sala [Annaphila]	931744	pulverosalis Smith [Renia]	930533
Pseudobryomima	932729	pulverulenta (Smith) [Melanchra]	932876
Pseudocharis	930463	pulverulenta (Smith) [Pseudanarta]	932739

punctalis (Barnes & McDunnough) [Arugisa]	930636	quadrannulata (Morrison) [Dargida]	932927, N556
puncticosta (Smith) [Dyspyralis]	930670	quadrata (Smith) [Papestra]	932892, N543
punctifera (Walker) [Condica]	932001, N348	quadrata Ferris & Lafontaine [Marimatha]	931286
<i>punctifinis</i> Hampson [Cobubatha]	931272, N208	quadrata Grote [Acronicta]	931441
punctigera (Walker) [Euxoa]	933387	quadricava Lafontaine [Spaelotis]	933559
punctilinea (Hampson) [Sympistis]	931819	quadridentata (Grote & Robinson) [Euxoa]	933455
punctipennis (Grote) [Isogona]	930736	quadrifera (Zeller) [Tripudia]	931260, N205
punctirena (Walker) [Dypterygia]	932276, N427	quadrifilaris (Hübner) [Argyrostromis]	930954
punitalis (Smith) [Hemeroplanis]	930701	quadrilineata (Grote) [Lacinipolia]	933075
pura (Barnes & McDunnough) [Oslaria]	931576	quadrilunata (Grote) [Lasionycta]	932995, N577
pura (Neumögen) [Lophocampa]	930372	quadriplaga (Smith) [Tarache]	931353
pura Barnes & McDunnough [Crambidia]	930226	quadrisignata (Walker) [Metalectra]	930680
<i>pura</i> Hulst [Catocala]	930806, N110	Quandara	N79
purissima (Dyar) [Boryzops]	930916	<i>quarta</i> (Grote) [Adelphagrotis]	933640, N678
Purius	930394	quebecensis (Smith) [Euxoa]	933328
purpurea (Barnes & McDunnough) [Egira]	932798	quenseli (Paykull) [Grammia]	930250
purpurea (Grote) [Agrochola]	932613	querquera Grote [Lithophane]	932550
<i>purpurea</i> (McDunnough) [Sympistis]	931911, N330	querula (Dod) [Protogygia]	933296
purpurigera (Walker) [Pseudeva]	931184	quieta (Hübner) [Xestia]	933613, N666
purpurissata (Grote) [Polia]	932872	quinteri Mikkola & Lafontaine [Apamea]	932301
pusilla Möschler [Rivula]	930594, N56	ra Troubridge [Sympistis]	931890
pustulata (Walker) [Nola]	931129	Rachiplusia	931176
pustulata H. Edwards [Annaphila]	931737	Radara	N100
puta (Grote & Robinson) [Anathix]	932620	radcliffei (Harvey) [Acronicta]	931430
putnami Grote [Plusia]	931236	<i>radiatus</i> (Smith) [Setagrotis]	933635
Pygarctia	930423	radiatus Smith [Lythodes]	931600
pygarga (Hufnagel) ["Lithacodia"]	N217	radicalis Walker [Gerra]	931967
pygmaea (Grote) [Redectis]	930554	radiola (Hampson) [Setagrotis]	933635
pygmaea Hübner [Paectes]	931107, N169	radix (Walker) [Lacanobia]	932880
Pygoctenucha	930418	ragani (Barnes) [Sympistis]	931951
pyraliformis (Walker) [Manbuta]	931087, N164	<i>rainieri</i> (Smith) [Lasionycta]	932975
<i>pyralis</i> (Smith) [Sympistis]	931911, N330	ralla (Grote & Robinson) [Anathix]	932619
pyraloides Walker [Obrima]	931074, N161	ramosula (Guenée) [Nedra]	932283
pyramidoides Guenée [Amphipyra]	931544	rampartensis Barnes & Benjamin ["Oligia"]	932381, N467
pyramusalis (Walker) [Phalaenophana]	930487	ramstadtii (Wyatt) [Hypena]	930563
pyrastis Hampson [Eutelia]	931119, N171	ranaeceph (Guérin-Ménéville) [Datana]	930042
Pyreferra	932583	Rancora	N274
pyrgo (Cramer) [Gonodonta]	930615	ranunculi H. Edwards [Xanthothrix]	931671
<i>pyromphalus</i> of auth. [Condica]	932004	Raparna	N94
pyrophiloides (Harvey) [Pronoctua]	933690	Raphia	931411
pyrrha (Druce) [Cargida]	930052	rapidan (Dyar) [Acronicta]	931437
Pyrrharctia	930335	rarata Walker [Cerura]	930032
Pyrrhia	932040	ravum Crabo & Lafontaine [Copablepharon - ssp.]	933289
pyrrhoura (Hulst) [Pygoctenucha]	930419	rayata (Smith) [Sympistis]	931820, N321
pyrsogramma (Dyar) [Dichagyris]	933239	Reabotis	N33
quadralis Barnes & McDunnough [Parahypenodes]	930667	recta (Guenée) [Eublemma]	930695
quadrangula (Zetterstedt) [Rhyacia]	933548	rectalis (Smith) [Hemeroplanis]	930709, N91

<i>rectangula</i> (McDunnough) [Ponometia]	931334	revellata (Barnes & Benjamin) [Condica]	932006, N352
<i>rectangula</i> (W. Kirby) [Syngrapha]	931227	reversa (Stretch) [Haploa]	930343
<i>rectangula</i> Pogue [Tripudia]	931261	reversalis (Smith) [Hemeroplanis]	930703
<i>rectifascia</i> (Grote) [Bagisara]	931241	revicta (Morrison) [Orthosia]	932773
<i>rectifascia</i> (Smith) [Brachylomia]	932659	Rhabdatomis	930212
<i>rectiflava</i> (Smith) [Homorthodes]	933099	Rhizagrotis	932686
<i>rectilinea</i> (Smith) [Lacinipolia]	933063	Rhizedra	932437
<i>rectimargo</i> (Guenée) [Eulepidotis]	931068, N156	rhodarialis (Walker) [Phytometra]	930717
<i>recula</i> (Harvey) [Euxoa]	933463	Rhyacia	933548
<i>Redectis</i>	930554	richardsi Brower [Metalectra]	930685
<i>redimicula</i> (Morrison) [Euxoa]	933440	richardsoni (Curtis) [Polia]	932871
<i>Redingtonia</i>	931598	richersi Troubridge [Sympistis]	931879
<i>reedi</i> Buckett [Abagrotis]	933664	Richia	933263
<i>regia</i> (Strecker) [Schinia]	932147	ridingsiana (Grote) [Euxoa]	933485
<i>regina</i> (Smith) [Sympistis]	931863	ridingsii (Riley) [Exyra]	931190
<i>regina</i> Pogue & Harp [Schinia]	932148	ridingsii Grote [Alypia]	931982
<i>regulus</i> (Grinnell) [Lycomorpha]	930198	Rifargia	930057
<i>Rejectaria</i>	930553	rigida (Grote) [Papaipema]	932505
<i>relegatum</i> (Schaus) [Nelphe]	930447	rigida (Smith) [Panopoda]	931092
<i>relicina</i> (Morrison) [Apamea]	932340, N442	rigida Smith [Renia]	930535
<i>relicta</i> Ferguson ["Acrapex"]	932431	rileyana Morrison [Agrotis]	933509, N637
<i>relicta</i> Walker [Catocala]	930795	rileyi Benjamin [Mammifrontia]	932435
<i>reliqua</i> (Smith) [Homorthodes]	933098	rimosa Packard [Pheosia]	930012
<i>reliqua</i> Lafontaine & Schweitzer [Dichagyris]	933254	rinconada Schaus [Obrima]	931073
<i>remissa</i> (Hübner) [Apamea]	932309, N439	rindgei Cardé [Virbia]	930305
<i>Renia</i>	930529	riparia (Morrison) [Sympistis]	931875
<i>reniformis</i> (Grote) [Helotropha]	932443, N479	riversii (Dyar) [Euxoa]	933487
<i>reniformis</i> Smith [Schinia]	932176	Rivula	930592
<i>renigera</i> (Stephens) [Lacinipolia]	933044	rivulosa (Guenée) [Schinia]	932091
<i>Renodes</i>	931076	rivulosa Smith [Nocloa]	931578
<i>repanda</i> (Fabricius) [Bagisara]	931240	robertsoni Crabo & Lafontaine [Copablepharon]	933290
<i>repanda</i> (Walker) [Panopoda]	931091	robertsoni Lafontaine & Crabo [Cerastis]	933539
<i>repentina</i> Franclemont [Matigramma]	931008	robertsoni Mikkola & Mustelin [Apamea]	932337
<i>repentis</i> (Grote) [Toxonprucha]	930999	robinsonii Grote [Catocala]	930769
<i>repleta</i> (Bird) [Hydroeciodes]	933206	roblei Quinter & Lafontaine [Loscopia]	932359
<i>repleta</i> (Walker) [Feltia]	933505, N636	robusta Strecker [Datana]	930040
<i>repugnalis</i> (Hübner) [Azeta]	931078	robustior (Smith) [Agrotis]	933514
<i>requies</i> (Dyar) [Chrysoecia]	N708	rockburnei Hardwick [Euxoa]	933380
<i>Resapamea</i>	932365	rodora (Dyar) [Lacinipolia]	933060, N582
"Resapamea"	932364, 932369	rogenhoferi (Möschler) [Polia]	932869, N544
<i>residua</i> Grote [Catocala]	930774	rogenhoferi Möschler [Metaponpneumata]	931640
<i>respondens</i> of auth. [Neophaenis]	932279	rolandi Grote [Psaphida]	931550
<i>restrictalis</i> (Smith) [Microhelias]	932035	rolandiana (Grote) [Exyra]	931188, N189
<i>resumens</i> Walker [Psaphida]	931548, N281	rosaria (Grote) [Diarsia]	933535
<i>retardata</i> (Walker) [Acronicta]	931470	rosea (Harvey) [Sideridis]	932906
<i>retecta</i> Grote [Catocala]	930777	rosea (Smith) [Schinia]	932062, N368
<i>retroversa</i> (Morrison) [Sympistis]	931824, N317	rosea (Smith) [Sympistis]	931873

rosea Beutenmüller [Euhyparpax]	930114	ruisa Forbes [Sideridis]	932900, N550
roseata (Walker) [Lophocampa]	930365	runica (Hampson) [Lacinipolia]	933071
roseicapitis (Neumögen & Dyar) [Pygarctia]	930427	ruperti Franclemont [Chytonix]	932715
roseitincta (Harvey) [Schinia]	932149	Rusicada	N60
roseola Smith [Amolita]	931063	russula Grote [Pseudorgyia]	930648
roseosuffusa (Smith) [Lacinipolia]	933035	rustica (Barnes & McDunnough) [Sympistis]	931828
rossii Curtis [Gynaephora]	930142	<i>rustica</i> Dyar [ <i>Cobubatha</i> ]	931279
rotundalis (Walker) [Idia]	930474	ruta (Eversmann) [Agrotis]	933510
rotundata Herrich-Schäffer [Epidromia]	930977, N138	ruthaea Dyar [Cropia]	931643, N292
rozmani Berio [Dypterygia]	932272	rutila (Guenée) [Papaipema]	932493
Ruacodes	931596	sabena (Schaus) [Zale]	931022
rubescens (Walker) [Orthosia]	932770	sableana Mikkola [Apamea - ssp.]	932314
rubi (H. Edwards) [Zale]	931046	sabulosa H. Edwards [Drasteria]	930896
rubia (Smith) [Zale]	931045	sackenii (Grote) [Syngrapha]	931222
rubicundaria (Hübner) [Virbia]	930300	saggiatarius Grote [Pachypolia - ssp.]	932709, N522
rubidus Ottolengui [Autographa]	931206	sagittata (Barnes & McDunnough) [Sympistis]	931938
rubifera (Grote) [Diarsia]	933534	sagittata Barnes & McDunnough [Catabena]	931766
rubirena Troubridge & Lafontaine [Neoligia]	932398	sagittata McDunnough [Acronicta]	931487
rubra Hammond & Crabo [Mesogona]	932611	sakhmet Troubridge [Sympistis]	931850
rubra Lafontaine, Ferris & Walsh [Hypotrix]	933173	<i>sala</i> (Mustelin) [ <i>Sympistis</i> ]	931876
rubrica (Harvey) [Egira]	932796	sala (Troubridge & Mustelin) [Psammopolia]	933014
rubricans Barnes & McDunnough [Mycterophora]	930678	salicarum (Walker) [Cerastis]	933542
rubricoma Guenée [Acronicta]	931420	salicis (Linnaeus) [Leucoma]	930170
rubricundis Buckett [Abagrotis]	933658	salina (Barnes) [Dichagyris]	933240
<i>rubrifusa</i> (Hampson) [ <i>Lacinipolia</i> ]	933016	salusalis (Walker) [Renia]	930529
rubripennis (Grote & Robinson) [Dargida]	932931	sampita Barnes [Grotella]	931702
rubirena (Treitschke) [Apamea]	932353, N439	sanctaemonicae Dyar [Copablepharon]	933284
rubritincta McDunnough [Homorthodes]	933095	sandaraca (Buckett & Bauer) [Sympistis]	931866
rubroscapus (Ménétriés) [Ctenucha]	930437	sangamonica Barnes & McDunnough [Bleptina]	930523
rubrosuffusa Grote [Matigramma]	931009	sanguinea (Geyer) [Schinia]	932145, N377
ruckesi Barnes & Benjamin [Dichagyris]	933252, N607	sanguineola (Boisduval) [Ptychoglène]	930210
rudens (Harvey) [Hemieuxoa]	933227	sanina (Smith) [Sympistis]	931849
rufago (Hübner) [Xystopeplus]	932596	sanrafaeli Opler [Schinia]	932142
rufescens Fauske & Lafontaine [Protogygia]	933295	<i>sansar</i> (Strecker) [ <i>Andropolia</i> ]	932681
ruficornis Dyar [Heterocampa]	930088	sanconi Dod [Autographa]	931207
rufimargo (Hübner) [Panopoda]	931089	santerivalis Ferguson [Macrochilo]	930507
rufinans (Dyar) [Heterocampa]	930072	saporis Grote [Triocnemis]	931609
rufinans (Guenée) [Antiblemma]	931093	sappho Strecker [Catocala]	930776
rufipectus (Morrison) [Protolampra]	933648	<i>sara</i> Smith [ <i>Schinia</i> ]	932094
rufipenna Hardwick [Schinia]	932113	sarae Mustelin [Mammifrontia]	932436
rufocostulata Pogue & Harp [Schinia]	932175	sarepta (Barnes) ["Cryphia"]	932202
rufostrigata (Packard) [Hypocoena]	932429, N474	sasquatch Crabo & Lafontaine [Lasionycta]	932986
rufula (Grote) [Protorthodes]	933109	satana Poole [Stiria]	931693
rufula (Smith) [Euxoa]	933359	satanella (Troubridge & Crabo) [Sympistis]	931803
rufula Lafontaine [Eucoptocnemis]	933259	satiens (Smith) [Euxoa]	933421
rugifrons Grote [Stiria]	931688	satis (Harvey) [Euxoa]	933413
rugosa (Morrison) [Trichordestra]	932884, N548	saturata (Grote) [Schinia]	932135

<i>saturnus</i> (Strecker) [ <i>Protorthodes</i> ]	933105	<i>scurlockorum</i> Sala & Mustelin [Annaphila]	931740
<i>satyricus</i> Grote [Ufeus]	932709, N521	<i>scutosa</i> of auth. [ <i>Schinia</i> ]	932061, N366
<i>saucia</i> (Hübner) [ <i>Peridroma</i> ]	933211	<i>secalis</i> (Linnaeus) [ <i>Mesapamea</i> ]	N460
<i>saucia</i> Walker [ <i>Phaloesia</i> ]	930351	<i>secedens</i> (Walker) [ <i>Lasionycta</i> ]	932970, N566
<i>saundersiana</i> (Grote) [ <i>Sympistis</i> ]	931800	<i>secessionis</i> Benjamin [ <i>Heterocampa</i> ]	930073
<i>sauvis</i> (Barnes) [ <i>Symmerista</i> ]	930130	<i>secta</i> (Grote) [ <i>Hyperstrotia</i> ]	930732
<i>sauzalitae</i> (Grote) [ <i>Papaipema</i> ]	932485	<i>sectilis</i> (Smith) [ <i>Sympistis</i> ]	931955
<i>saxatilis</i> (Troubridge & Crabo) [ <i>Sympistis</i> ]	931940	<i>sectiloides</i> (Barnes & McDunnough) [ <i>Sympistis</i> ]	931956
<i>scabra</i> (Fabricius) [ <i>Hypena</i> ]	930588, N48	<i>secundalis</i> (Smith) [ <i>Hemeroplanis</i> ]	930702
<i>scandens</i> (Riley) [ <i>Euxoa</i> ]	933329	<i>sedata</i> H. Edwards [ <i>Tarache</i> ]	931367
<i>scaramangoides</i> (Barnes & Benjamin) [ <i>Pseudhermonassa</i> ]	933632, N674	<i>sedilis</i> (Smith) [ <i>Lasionycta</i> ]	932991
<i>scarletina</i> (Smith) [ <i>Schinia</i> ]	932181	<i>segregata</i> (Butler) [ <i>Niphonyx</i> ]	932716, N526
<i>Scevesia</i>	930056	<i>segregata</i> (Smith) [ <i>Orthosia</i> ]	932776
<i>schausi</i> (Barnes & Benjamin) [ <i>Azeta</i> ]	931079	<i>segura</i> Barnes [ <i>Isogona</i> ]	930737
<i>schausi</i> (Dyar) [ <i>Propyria</i> ]	930196	<i>Seirarctia</i>	930308
<i>schausi</i> Barnes & Benjamin [ <i>Macristis</i> ]	930558	<i>seitzi</i> (Barnes & Benjamin) [ <i>Properigea</i> ]	932724
<i>schausi</i> Richards [ <i>Bulia</i> ]	930887, N126	<i>selama</i> (Strecker) [ <i>Lacinipolia</i> ]	933034
<i>schausi</i> Rothschild [ <i>Halysidota</i> ]	930363	<i>selecta</i> (Walker) [ <i>Syngrapha</i> ]	931214
<i>Schinia</i>	932061	<i>selenis</i> (Smith) [ <i>Euxoa</i> ]	933419
<i>Schizura</i>	930097	<i>Selenisa</i>	930981
<i>scholastica</i> McDunnough [ <i>Euxoa</i> ]	933364	<i>Selicanis</i>	932512
<i>Schrankia</i>	930668	<i>semitra</i> (Smith) [“Aleptina”]	931637, N290
<i>sciata</i> Bird [ <i>Papaipema</i> ]	932471	<i>semicana</i> (Walker) [ <i>Neoligia</i> ]	932387, N468
<i>scindens</i> (Walker) [ <i>Isogona</i> ]	930739	<i>semicollaris</i> (Smith) [ <i>Sympistis</i> ]	931952
<i>scira</i> (Druce) [ <i>Chrysoecia</i> ]	931672	<i>semicrocea</i> (Guenée) [ <i>Exyra</i> ]	931189
<i>scirpicola</i> Guenée [ <i>Leucania</i> ]	932957	<i>semifascia</i> (Smith) [ <i>Bryolymnia</i> ]	932246
<i>scissa</i> (Grote) [ <i>Schinia</i> ]	932132	<i>semiflava</i> (Guenée) [ <i>Ponometia</i> ]	931308
<i>scissoides</i> (Benjamin) [ <i>Schinia</i> ]	932133	<i>semilunata</i> (Grote) [ <i>Apamea</i> - ssp.]	932316
<i>scitipennis</i> Walker [ <i>Notodonta</i> ]	930015	<i>semirelictata</i> Grote [ <i>Catocala</i> ]	930806
<i>scitiscrita</i> Walker [ <i>Cerura</i> ]	930030	<i>semirufa</i> Barnes & McDunnough [ <i>Euaontia</i> ]	930741
<i>scobialis</i> (Grote) [ <i>Idia</i> ]	930478	<i>semirufescens</i> (Walker) [ <i>Oligocentria</i> ]	930105
<i>Scolecocampa</i>	930637	<i>semitaria</i> Franclemont [ <i>Metaxaglaea</i> ]	932599
<i>Scoliapteryx</i>	930601	<i>semiusta</i> Grote [ <i>Lithophane</i> ]	932531
<i>scolopendrina</i> (Boisduval) [ <i>Furcula</i> ]	930028	<i>semivitrea</i> Rothchild [ <i>Agaraea</i> ]	930393
<i>scoparia</i> Mikkola Mustelin & Lafontaine [ <i>Apamea</i> ]	932343, N442	<i>senatoria</i> (Smith) [“Hexorthodes”]	933155
<i>scopeops</i> (Dyar) [ <i>Abagrotis</i> ]	933679	<i>senescens</i> Möschler [ <i>Leucania</i> ]	932958, N561
<i>scopulepes</i> (Haworth) [ <i>Hemeroplanis</i> ]	930700	<i>senilis</i> (Smith) [ <i>Amphipoea</i> ]	932450
<i>Scotogramma</i>	932847	<i>sensilis</i> Grote [ <i>Chytonix</i> ]	932714
<i>scotogrammoides</i> McDunnough [ <i>Euxoa</i> ]	933371	<i>sentalis</i> (Kaye) [ <i>Amolita</i> ]	931062
<i>scottae</i> Troubridge [ <i>Lithophane</i> ]	932551	<i>separata</i> (Grote) [ <i>Schinia</i> ]	932153
<i>scribonia</i> (Stoll) [ <i>Hypercompe</i> ]	930323	<i>septempunctata</i> Harvey [ <i>Grotella</i> ]	931700
<i>scriptana</i> (Walker) [ <i>Nycteola</i> ]	931145, N178	<i>septentrionalis</i> (Walker) [ <i>Euxoa</i> ]	933317
<i>scropulana</i> (Morrison) [ <i>Xestia</i> ]	933591	<i>septentrionalis</i> (Walker) [ <i>Schinia</i> ]	932114
<i>scrupulosa</i> H. Edwards [ <i>Drasteria</i> ]	930894, N128	<i>septentrionalis</i> Barnes & McDunnough [ <i>Agylla</i> ]	930228
<i>sculptilis</i> (Harvey) [ <i>Euxoa</i> ]	933357	<i>septentrionis</i> Walker [ <i>Gluphisia</i> ]	930019, N6
		<i>septu</i> Troubridge [ <i>Sympistis</i> ]	931892
		<i>septuosa</i> (A. Blanchard & Knudson) [ <i>Ponometia</i> ]	931309

sequax (Franclemont) [Mythimna]	932936	sierra Troubridge & Lafontaine [Brachylomia]	932663
serano (Smith) [Richia]	933265, N613	sierrae Barnes & McDunnough [Anarta]	932824
serena W. H. Edwards [Catocala]	930772	Sigela	930657
seriata (Druce) [Dasylophia]	930135	sigmoides (Guenée) [Eueretagrotis]	933568
Sericaglaea	932595	signata (French) [Sericaglaea]	932595
sericea (Lafontaine & Kononenko) [Isochlora]	933693, N686	signata (Walker) [Tricholita]	933193
sericea (Morrison) [Chaetoglaea]	932607	significans (H. Edwards) [Lophocampa]	930366
serotina Lafontaine [Euxoa]	933352	signosa (Walker) [Lithophane]	932542
serpentina (Walker) [Eudocima]	930625, N69	silacea Crabo & Lafontaine [Lasionycta]	933008
serrata (Grote) [Hydroeciodes]	933207	silens (Grote) [Euxoa]	933382
serrata (Smith) [Hexorthodes]	933149	silphii Bird [Papaipema]	932511
serrata McDunnough [Copablepharon]	933276	similaris Barnes [Admetovis]	932807
serraticornis A. Blanchard [Copablepharon - ssp.]	933268, N615	similaris Richards [Bulia]	930886
serraticornis Lintner [Cucullia]	931534, N274	similaris Smith [Cucullia]	931506
serratigrande Lafontaine [Copablepharon]	933278	similis (Fuessly) [Euproctis]	930172
serricornis (Smith) [Euxoa]	933369	similis (Guenée) [Neadysgonia]	930957, N134
serrula (Barnes & McDunnough) [Aseptis]	932645	similis (Stretch) [Androloma]	N342
servia (Cramer) [Goniapteryx]	930633	similis Edwards [Catocala]	930855
servitus (Smith) [Euxoa]	933439	simona McDunnough [Euxoa]	933348
sesmu Troubridge [Sympistis]	931847	simplaria Graef [Notodonta - ssp.]	930017
Setagrotis	933633	simplex (Smith) [Sympistis]	931832
seth Troubridge [Sympistis]	931846	simplex (Walker) [Egira]	932789
setonia McDunnough [Euxoa]	933375	simplex Smith [Schinia]	932064
severa H. Edwards [Gluphisia]	930023	simplex Walker [Pagara]	930396
seversa (Grote) [Gerra]	931968	Simplicia	930504
sexata (Smith) [Schinia]	932105, N374	<i>simplicia</i> (Smith) [Sympistis]	931886, N317
sexplagiata Smith [Schinia]	932090	simplicius (Morrison) [Anicla]	933217
sexpunctata Barnes & McDunnough [Copanarta]	931782, N314	simulans Barnes & Benjamin [Heterocampa]	930071
sexpunctata Grote [Spargaloma]	930715	simulata McDunnough [Euxoa]	933385
sexseriata (Grote) [Lineostriastiria]	931666	Simyra	931493
Sexserrata	931599	sinaldus Guenée [Gonodonta]	930614
sexsignata (Harvey) [Litocala]	930868	sinelinea Hardwick [Euxoa]	933321
sexta Barnes & McDunnough [Ogdoconta]	932020	sinescripta Ferguson [Acronicta]	931486
shait Troubridge [Sympistis]	931959	singula (Grote) [Pseudanarta]	932738
sharonae Selman & Leuschner [Lacinipolia]	933056	singularis (Barnes & McDunnough) [Sympistis]	931960
shasta Crabo & Lafontaine [Lasionycta - ssp.]	932999	siren (Strecker) [Schinia]	932123, N377
shasta Lafontaine [Euxoa]	933312	sirius (Barnes & McDunnough) [Cerma]	931502
<i>sheba</i> Cassino [Catocala]	930802, N110	siskiyu Mikkola & Lafontaine [Apamea]	932324
shirleyae Troubridge [Sympistis]	931939	siskiyu Troubridge & Crabo [Hadena]	932924
sibirica Dubatolov [Holoarctia - ssp.]	930234, N16	skraelingia (Herrich-Schäffer) [Lasionycta]	932968, N565
siccata (Smith) [Euxoa]	933426	smaragdina (Neumögen) [Paramiana]	931587
sicheas (Cramer) [Gonodonta]	930613	smithi Haimbach [Zale]	931024
Sideridis	932900	smithii (Dyar) [Protorthodes]	933106
sidus (Guenée) [Eupsilia]	932588	smithii (Guenée) [Neadysgonia]	930959
sierra Crabo & Lafontaine [Lasionycta]	933009	smithii (Snellen) [Xestia]	933572
		smythi Franclemont [Apamea]	932321
		snowi (Grote) [Schinia]	932062, N367

<i>snowi</i> (H. Edwards) [Syngrapha]	931222, N194	<i>spinigera</i> Guenée [Acronicta]	931452
<i>snowi</i> (Smith) [Isogona]	930738	<i>spinosa</i> (Barnes & McDunnough) [Hypotrix]	
<i>snowiana</i> Grote [Catocala]	930784, N111		933174, N596
<i>sobek</i> Troubridge [Sympistis]	931889	<i>spinosae</i> (Guenée) [Schinia]	932129
<i>sobrialis</i> (Walker) [Renia]	930539	<i>Spiramater</i>	932883
<i>sobrina</i> (Stretch) [Lophocampa]	930369	<i>spiritum</i> Crabo & Fauske [Copablepharon]	933280
<i>socorro</i> (Barnes) [Dichagyris]	933242, N609	<i>splendens</i> (Barnes & McDunnough) [Pseudohemihyalea]	
<i>sofae</i> (Mustelin) [Hypocoena]	932427, N474		930383
<i>sokar</i> Troubridge [Sympistis]	931917	<i>splendens</i> Barnes & McDunnough [Lycomorpha]	930200
<i>solidaginis</i> (Strecker) [Cucullia]	931534, N275	<i>spodia</i> Franclemont [Meganola]	931123
<i>solidaginis</i> of auth. [Lithomoia]	932524	<i>Spodoptera</i>	932214
<i>solita</i> Walker [Leucania]	932962, N564	<i>spraguei</i> (Grote) [Pygarctia]	930429
<i>sombrus</i> Ferguson [Hypenodes]	930664	<i>Spragueia</i>	931381
<i>sommeri</i> (Lefebvre) [Mniotype]	932703	<i>spumata</i> McDunnough [Euxoa]	933392
<i>sonoma</i> (McDunnough) [Pseudocopivaleria]	931555	<i>spumosum</i> (Grote) [Plagiomimicus]	931651
<i>Sonorarctia</i>	930282	<i>squala</i> Ferris & Lafontaine [Marimatha]	931285
<i>sora</i> (Smith) [Apamea]	932327, N445	<i>squamularis</i> (Drury) [Zale]	931035
<i>sorapis</i> Troubridge [Sympistis]	931796	<i>stabilis</i> (Smith) [Sympistis]	931817, N320
<i>sordens</i> (Hufnagel) [Apamea]	932314, N441	<i>staudingeri</i> (Aurivillius) [Lasionycta]	932992, N575
<i>sordida</i> (Butler) [Lycomorphodes]	930203	<i>staudingeri</i> (Möschler) [Xestia]	933592, N655
<i>sordida</i> (McDunnough) [Holoarctia]	930233	<i>steenensis</i> Hardwick [Schinia]	932121
<i>sordida</i> Grote [Catocala]	930832	<i>stellaris</i> (Grote) [Adelphagrotis]	933640
<i>sordidula</i> Grote [Hypena]	930570	<i>stellata</i> Walker [Derrima]	932039
<i>sordidus</i> Smith [Schinia]	932116, N375	<i>stena</i> (Smith) [Schinia]	932062, N368
<i>soror</i> Barnes & McDunnough [Grotella]	931710	<i>stenocelis</i> (Dyar) [Papaipema]	932474
<i>sorsconi</i> Barnes & Benjamin [Catocala]	930763, N110	<i>stenotis</i> (Hampson) [Lacinipolia]	933030
<i>spadaria</i> Guenée [Doryodes]	930927	<i>stepheni</i> Sullivan [Rivula]	930593
<i>spadix</i> (Cramer) [Cissusa]	930864	<i>stewarti</i> (Grote) [Nedra]	932284
<i>Spaelotis</i>	933554	<i>Stibadium</i>	N295
<i>spaldingi</i> (Barnes & McDunnough) [Neogrotella]	931718	<i>Stibaera</i>	932016
<i>spaldingi</i> (Smith) [Apamea]	932317	<i>stigmaphiles</i> (Dyar) [Herminocala]	931072, N160
<i>Spargaloma</i>	930715	<i>stigmata</i> Smith [Miodera]	933188
<i>Sparkia</i>	932818	<i>stigmatalis</i> (Smith) [Euxoa]	933391
<i>Spartiniphaga</i>	N471	<i>stigmatica</i> (Eversmann) [Hypocoena]	932430, N475
<i>spauldingi</i> (Barnes & Benjamin) [Cucullia]	931538, N277	<i>stigmosa</i> Morrison [Agrotis]	933519
<i>speciosa</i> (Hübner) [Xestia]	933596, N656	<i>stipata</i> (Morrison) ["Resapamea"]	932369, N459
<i>speciosa</i> (Möschler) [Grammia]	930248	<i>Stiria</i>	931688
<i>speciosa</i> Ottolengui [Autographa]	931198	<i>stolata</i> Smith [Leucania]	932954
<i>speciosissima</i> (Grote & Robinson) [Papaipema]	932475	<i>stombleri</i> (Okumura & Bauer) [Helicoverpa]	932045, N362
<i>Speocropia</i>	932211	<i>stramentosa</i> Guenée [Hydraecia]	932460
<i>sperata</i> Grote [Acronicta]	931475	<i>straminea</i> (Smith) [Sunira]	932616, N492
<i>speyeri</i> Lintner [Cucullia]	931516	<i>straminea</i> Dyar [Dasyblemma]	930666
<i>spiculosa</i> (Grote) [Lacinipolia]	933047	<i>straminea</i> Poole [Basilodes]	931677
<i>spila</i> Rindge & Smith [Annaphila]	931756	<i>stretchi</i> Barnes & Benjamin [Grotella]	931706
<i>Spiloloma</i>	930760	<i>Stretchia</i>	932756
<i>Spilosoma</i>	930309	<i>stretchii</i> (Behr) [Drasteria]	930911
<i>spinea</i> (Grote) [Acronicta]	931491	<i>stretchii</i> Behr [Catocala]	930809, N110

stretchii H. Edwards [Scotogramma]	932850	<i>subochrea</i> Grote [Acronicta]	931461, N255
Striacosta	933228	<i>subornata</i> of auth. [Condica]	932005
striaepuncta (Herrich-Schäffer) [Eulepidotis]		<i>subpallida</i> McDunnough [Feltia]	933502
	931071, N159	subporphyrea (Walker) [Hemipachnobia]	933545, N643
striata Buckett [Abagrotis]	933661	subpunctata (Harvey) [Leucania]	932955, N562
striata Lafontaine [Agrotis]	933508	<i>subrosea</i> of auth. [Coenophila]	933624
striata Ottolengui [Cisthene]	930185	subrotata Harvey [Heterocampa]	930077
stricta (Walker) [Lacinipolia]	933045	subrufa (Barnes & McDunnough) [Cisthene]	930176
strigalis (Smith) [Toxonprucha]	930997	subsimplex (Dyar) [Sympistis]	931815, N318
strigata (Smith) [Cucullia]	931536	subspinosae Hardwick [Schinia]	932130
strigata (Smith) [Trichocerapoda]	933082	substrigata (Smith) [Prognorisma]	933625, N670
strigicollis (Wallengren) [Lacinipolia]	933069	<i>subtermina</i> (Smith) [Cissusa]	930866, N124
strigilis (Linnaeus) [Oligia]	932375, N464	subterminalis Barnes & McDunnough [Renia]	930540
strigimacula (Guenée) [Zale]	931019	subterminata Mustelin [Protoperigea]	932253
strigosa (Druce) [Myrmecopsis]	930455	subterranea (Fabricius) [Feltia]	933504, N636
strigosa (Grote) [Clostera]	930006	subtilis Franclemont [Lithophane]	932567
strigulata Smith [Acronicta]	931447	<i>subvexa</i> Grote [Ipimorpha]	932679
striolata Mikkola [Apamea - ssp.]	932329	sueroides (Guenée) [Selenisa]	930981
stygalis (Smith) [Gabara]	930641	suetus (Grote) [Schinia]	932075
stygalis Barnes & McDunnough [Euxoa]	933390	suffusa (Barnes & McDunnough) [Properigea]	932725
stylata (Smith) [Rhizagrotis]	932689, N508	suffusa (Schaus) [Hypercompe]	930325
Stylopoda	931783	suffusa Barnes & McDunnough [Crambidia]	930223
styracis (Guenée) [Psaphida]	931553, N281	<i>suffusa</i> Hill [Plusiodonta]	930623, N67
styx Poole [Cucullia]	931517	<i>suffusa</i> McDunnough [Panthea]	931399
suavis (Barnes & McDunnough) [Neleucania]	933165	suffusalis (Smith) [Idia]	930473
suavis (H. Edwards) [Psectrotarsia]	932043, N361	sulinaris Lafontaine [Parabagrotis]	933647
subalba Mustelin [Lacinipolia]	933041	sullivani Lafontaine [Anicla]	933215
subalbida (Barnes & Benjamin) [Anarta]	932835	sulphurata Bird [Papaipema]	932498
subalpina Crabo & Lafontaine [Lasionycta]	932990	sulphurea Neumögen [Stiria]	931692
subandera Lafontaine [Euxoa]	933402	sunia (Guenée) [Neogalea]	931770
subcuprea Crabo & Hammond [Mesogona]	932612	Sunira	932616
subdita (Möschler) [Lasionycta]	932972	superans Guenée [Acronicta]	931443
subflava (Grote) [Capsula]	932439	superba (Stretch) [Grammia - ssp.]	930258
subflexa (Guenée) [Heliothis]	932055	superba H. Edwards [Annaphila]	931755
subfumosa (Gibson) [Lasionycta]	932994, N576	superpulvrea Dyar [Purius]	930394
subfuscula (Grote) [Lasionycta]	932991, N575	Supralathosea	931572
subgothica (Haworth) [Feltia]	933501	surdirena Troubridge & Lafontaine [Neoligia]	932396
subidalis Guenée [Hypena]	930571, N50	surena (Grote) [Syngrapha]	931218
subjecta Walker [Cisthene]	930188	suspecta (Hübner) [Parastichtis]	932625, N493
subjuncta (Grote & Robinson) [Lacanobia]	932881	suspicionis Barnes & Benjamin [Trichopolia]	933185
subjuncta (Smith) [Neoligia]	932392	susquesa (Smith) [Aseptis]	932643
submarina (Grote) [Scotogramma]	932847	sutor (Guenée) [Condica]	931998
submediana Strand [Zale]	931037	sutor (Hampson) [Tarache]	931342
subnata Grote [Catocala]	930788	sutrina (Grote) [Hada]	932897, N549
subnebulosa (Dyar) [Pararctia]	930287	sutrix (Grote) [Ponometia]	931339
subnivosella Walker [Gabara]	930643	Sutyna	932707
subobliqua (Walker) [Elaphria]	932237, N411	Syllectra	931086

sylvarum (Guenée) [Argyrostromis]	930952	tenuicula Morrison [Tarache]	931341
sylvia (Dyar) [Miracavira]	931568	tenuifascia (Smith) [Sympistis]	931807
Symmerista	930127	tenuifascia Harvey [Cisthene]	930183
Sympistis	931787	<i>tenuilinea</i> (Smith) [Sutyna]	932707, N519
Syngrapha	931210	tenuimacula (Barnes & McDunnough) [Orthosia]	932781
synochitis (Grote & Robinson) [Maliattha]	931295, N221	tenuis (Grote) [Isogona]	930734
Synorthodes	933147	tenuistriga Barnes & McDunnough [Doryodes]	930928
Syntomeida	930460	tephra Hübner [Dasychira]	930144
sytis (Guenée) [Euclystis]	930987	tephrina Franclemont [Lithophane]	932554
tacna (Barnes) [Ogdoconta]	932022	tepida Grote [Lithophane]	932553
tacoma (Strecker) [Trichordestra]	932885	tepperi (Morrison) [Plagiomimicus]	931659, N295
tahoensis Mikkola & Lafontaine [Apamea]	932328	tepperi (Smith) [Anicla]	933223
taigata Lafontaine [Lasionycta]	932969	teratophora (Herrich-Schäffer) [Anterastria]	932207, N401
talidiformis Guenée [Crambodes]	932030	terens (Walker) [Acroria]	932278, N428
tanena Strecker [Schinia - ssp.]	932119	termina (Grote) [Zale]	931047
tantillus (Grote) [Metalectra]	930682	terminalis (Smith) [Sympistis]	931794
tapa Schmidt & Anweiler [Charadra]	931405	terminalis (Walker) [Pygoctenucha]	930418
tapeta (Smith) [Properigea]	932723	terminata (Smith) [Orthosia]	932768
Tarache	931340	terminellus (Grote) [Catabenoides]	931768
Tarachidia	N225	terminimaculata Grote [Tarache]	931351
tarandus Macaulay & Schmidt [Dodia]	930338	terrapictalis (Buckett) [Dargida]	932929
tarda (Guenée) [Athetis]	932269, N422	terrealis (Grote) [Euxoa]	933311
tarda Barnes & Benjamin [Lithophane]	932570	terrebralis (Barnes & McDunnough) [Idia]	930480
tartarea (Troubridge & Crabo) [Sympistis]	931837	terrenus (Smith) [Euxoa]	933365
<i>tartarea</i> Smith [Acronicta]	931433	<i>terrifica</i> Barnes & McDunnough [Schinia]	932145
tatago Lafontaine & Mikkola [Xanthia]	932622	territans (H. Edwards) [Chalcopasta]	931695
Tathorhynchus	930754	tertia (Grote) [Schinia]	932158, N380
taura Smith [Euxoa]	933482	tertia Dyar [Perigonica]	932750
<i>tecatensis</i> Buckett [Abagrotis]	933679, N682	Tesagrotis	933636
tecnion Dyar [Micrathetis]	932033	tessellaris (J.E. Smith) [Halysidota]	930360
tecta (Hübner) [Xestia]	933602, N656	tessellata (Harris) [Euxoa]	933395
tectoides (Corti) [Xestia - ssp.]	933602	testa Barnes & McDunnough [Proroblemma]	930697
tejonica (Behr) [Drasteria]	930914	Tetanolita	930516
tela (Smith) [Ruacodes]	931596	tetera (Smith) [Dargida]	932930
teleboa (Smith) [Euxoa]	933447	tetragona (Walker) [Tarache]	931354
teligera (Morrison) [Lacinipolia]	933039	tetrops (Dyar) [Sympistis]	931811
telma Sullivan [Neadysgonia]	930960	teuthras (Walker) [Cosmosoma]	930457
temecula (Barnes) [Condica]	931990	texana (Morrison) [Mocis]	930944
templada (Schaus) [Cropia]	931644	texana (Smith) [Isogona]	930735
templetonae Clarke [Azenia]	931729	texana (Smith) [Protorthodes]	933116
tenebrifera (Walker) [Cerastis]	933536	texana Hampson [Focillidia]	930967
tenera (Smith) [Mniotype]	932706, N517	texana Riley [Anomis]	930607
tenera Hübner [Cycnia]	930404	texanae French [Catocala]	930810, N115
tenerosa (Dyar) [Cycnia]	930403	texarkana Brower [Catocala - ssp.]	930849, N113
<i>tenuescens</i> (Grote) [Schinia]	932178, N388	thantologia (Dyar) [Euxoa - ssp.]	933308
tenuescens (Smith) [Anicla]	933218	thaumasta Franclemont [Apocrisias]	930379
tenuicula (Morrison) [Pseudohermonassa]	933630	thaxteri Grote [Lithophane]	932547

thaxterianus (Grote) [Psaphida]	931549	transparens (Grote) [Orthosia]	932764
theodora Schaus [Acronicta]	931450	tremula (Harvey) [Chaetagnathia]	932606
theodori (Grote) [Andropolia]	932685	triangula (Barnes & McDunnough) [Callistegia]	930920
theralis (Walker) [Zanclognatha]	930490, N35	triangula Sullivan & Adams [Morrisonia]	932804
Therasesa	N229	triangulifer Grote [Cirrhophanus]	931681
Theroa	930093	Trichagrotis	N596
theroalis (Walker) [Aristaria]	930542	Trichocerapoda	933080
Thioptera	N214	Trichoclea	N537
Tholera	932809	Trichocosmia	932819
thoracica (Grote) [Acronicta]	931446	Trichofeltia	933186
thoracica (H. Edwards) [Chrysoecia]	931675, N301	Tricholita	933192
thoracica (Putnam-Cramer) [Xylina]	932521	Trichoplexia	N444
thoreau (Grote & Robinson) [Schinia]	932093	Trichoplusia	931168
thujae Webster & Thomas [Lithophane]	932571	Trichopolia	933184
thula (Strecker) [Brachylomia]	932662	Trichordestra	932884
thula Lafontaine & Kononenko [Xestia]	933610	Trichorthosia	N596
Thurberiphaga	931764	Trichosilia	N633
thyatiroides (Barnes & Benjamin) [Stibaera]	932017	trichroma (Herrich-Schäffer) [Speocropia]	932211
thyatiroides (Walker) [Dasylophia]	930134	tricolor Barnes [Grotella]	931709
thyatyroides (Guenée) [Eosphoropteryx]	931187	tricolor Smith [Cerathosia]	931301
Thysania	930758	tricornuta McDunnough [Lacinipolia]	933070
tigris Guenée [Diastema]	932028	tricolor (Lintner) [Feltia]	933502, N635
timais (Cramer) [Xanthopastis]	933210	Tridepia	932862
timbor (Dyar) [Dichagyris]	933238	trifascia (Smith) [Hypotrix]	933179
tinctoides (Guenée) [Mouralia]	931165	trifascia Hübner [Schinia]	932096
titan Todd [Meropleon]	932412	trifasciata (Smith) [Euxoa]	933335
titania Dodge [Catocala]	930848, N110	trifolii (Hufnagel) [Anarta]	932826
tobia Smith [Schinia]	932089	trigona (Grote) [Bertholdia]	930390
toconae (Smith) [Euxoa]	933370	trigona (Smith) ["Resapamea"]	932364, N456
toddi (A. Blanchard) [Sympistis]	931961	trigona (Smith) [Abagrotis]	933653
toddi (Ferris & Lafontaine) [Tarache]	931358	trilineosa (Dyar) [Hemeroplanis]	930712, N92
togatara (Walker) [Caenurgina]	930939	trimaculata Smith [Euerythra]	930399
tonsa (Grote) [Neoligia]	932397	Triocnemis	931609
tooele (Barnes & McDunnough) [Grammia - ssp.]	930264	triolata (Smith) [Schinia]	932107
toralis (Grote) [Heliocheilus]	932060	tripars (Walker) [Eucoptocnemis]	933257, N611
torniplaga (Barnes & McDunnough) [Euamiana]	931595	tripartita (Smith) [Ponomotia]	931338
torreyana Mustelin [Aseptis]	932646	triphænoides (Dyar) [Dichagyris]	933244
torrida (Smith) [Lithophane]	932578	tripla Grote [Oxycilla]	930595
tortilis (Grote) [Fishia]	932693, N510	triplaga (Walker) [Euplexia]	932289
torticina (Zeller) [Ponomotia]	931326	triplagiatus Smith [Plagiomimicus]	931662
tortuosa Tepper [Hyperaeschra]	930011	triplehorni Selman & Leuschner [Lacinipolia]	933051
torva (Hübner) [Notodonta]	930017, N5	triplex (Walker) [Micrathetis]	932031
tota (Grote) [Acronicta]	931431	Tripudia	931257
Toxonprucha	930996	tripuncta (Möschler) [Marimatha]	931287, N215
Trachea	932280	tripuncta Barnes & McDunnough [Lythrodus]	931602
tragopoginis (Clerck) [Amphipyra]	931545	triquetra (Grote) ["Anorthodes"]	932270, N423
tranquilla Grote [Zotheca]	932673	triquetrana (Fitch) [Nola]	931132

tresignata (Walker) [Harrisimemna]	931498	umbrifascia (Smith) [Sympistis]	931802
tristicta (Hampson) [Bagisara]	931250	umbrina (Grote) [Zaleops]	931004
tristricula (Morrison) [Euxoa]	933342	umbrosa (Smith) [Lacinipolia]	933027
tristigmata (Grote) [Eupsilia]	932590	umbrosa Brou [Catocala]	930793
tristis (Barnes & McDunnough) [Anhypotrix]		unanimis (Hübner) [Apamea]	932308, N438
	933183, N597	Unciella	931622
tristis Smith [Acronicta]	931469	underwoodi Rothschild [Halysidota]	N689
<i>tristis</i> W. H. Edwards [Catocala]	930835, N111	undularis (Drury) [Zale]	931030
tristrigella (Walker) [Balsa]	931418	ungulatus Benjamin [Policocnemis]	931608
Tristyla	931732	unica McDunnough [Euxoa]	933457
tritona (Hübner) [Acronicta]	931432	unica Neumögen [Gonodonta]	930618
Trocodima	930397	unicava Lafontaine [Spaelotis]	933556
tronellus (Smith) [Euxoa]	933446	unicincta (Smith) [Eremobina]	932373
tropicalis Guenée [Ophisma]	931057	unicolor (Packard) [Misogada]	930066
troubridgei Lafontaine [Feltia]	933491	<i>unicolor</i> Grote [Ufeus]	932710
Trudestra	932846	unicornis (J.E. Smith) [Schizura]	930100
<i>trumani</i> (Smith) [Xestia]	933571, N649	unicum (Barnes & Benjamin) [Cuahtemoca]	931664, N298
truncata (Herrich-Schäffer) [Lirimiris]	930140	unifascia Grote & Robinson [Cisthene]	930177
tuana (Smith) ["Hexorthodes"]	933159, N593	uniforma Hawks [Catocala - ssp.]	930825
tuberculum (Hübner) [Schinia]	932112	uniformis (Smith) [Lasionycta]	932999, N577
tumida (Grote) [Pseudanthoecia]	932748	uniformis Dyar [Crambidia]	930220
tura (Druce) [Phuphena]	932212, N404	uniformis Schaus [Haematomis]	930211
turbata (Walker) [Heliocheilus]	932057	unijuga Walker [Catocala]	930797
turbulenta Hübner [Phosphila]	932208	unilineata (Grote) [Zale]	931052
turbulenta McDunnough [Abagrotis]	933668	unimacula Smith [Schinia]	932168, N384
tusa (Grote) ["Oligia"]	932379	unimoda (Lintner) [Lithophane]	932582
tybo (Barnes) [Agriopodes]	931496	unimoda (Smith) [Papaipema]	932465, N480
typhedana Franclemont [Synorthodes]	933148	unio (Hübner) [Eudryas]	931964
typica Smith [Pronoctua]	933689	unipuncta (Haworth) [Mythimna]	932935, N557
tyrannus (Guenée) [Eudocima]	930626, N70	unita (Smith) [Apamea]	932312
Tyria	930347	urentis Guenée [Abrostola]	931162
Tyrisa	930969	ursae (McDunnough) [Xestia]	933601, N661
Tyta	931503	Ursia	930095
u-album (Guenée) [Iodopepla]	932287, N432	<i>ursina</i> (Smith) [Acronicta]	931489, N260
u-aureum (Guenée) [Syngrapha]	931217	ursina (Smith) [Engelhardtia]	933191
Ufeus	932709	ursina Schmidt [Grammia]	930257
ulalume Strecker [Catocala]	930779	Ursogastra	N596
uliginosa (Smith) [Lacinipolia]	933032	ursula (Forbes) [Leucania]	932965
Ulolonche	933118	uscripta (Smith) [Sideridis]	932904
ultima (Strecker) [Schinia]	932128	ustulata Lafontaine [Euxoa]	933358
ultronia (Hübner) [Catocala]	930841	utahensis (Barnes & Benjamin) [Sympistis]	931856
<i>umbra</i> of auth. [Pyrrhia]	932040	<i>utahensis</i> (Smith) [Protorthodes]	933105
umbralis (Smith) [Hypena]	930576	<i>utahensis</i> Cassino [Catocala]	930817, N117
<i>umbrata</i> Packard [Clemensia]	N15	ute Peacock & Wagner [Catocala - ssp.]	930820
umbrata Walker [Heterocampa]	930082	Utetheisa	930348
umbratica (Linnaeus) [Cucullia]	931515, N269	vaccinae (H. Edwards) [Schinia]	932100
umbricata Mustelin [Protoperigea]	932252	vacillans (Walker) [Condica]	932003, N349

vagans (Barnes & McDunnough) [Dasychira]	930146	vermiculata (Grote) [Gnophaela]	930356
vagans (Boisduval) [Spilosoma]	930313	verna Hardwick [Schinia]	932103
vagans Barnes & Benjamin [Grotella]	931707	vernalis Lafontaine [Euxoa]	933316
v-alba Ottolengui [Autographa]	931197	vernilis (Grote) [Xestia]	933579, N651
valens (H. Edwards) [Cissusa]	930867	verniloides Lafontaine [Xestia]	933580
<i>valeria H. Edwards [Catocala]</i>	930799, N110	verona (Smith) [Papaipema]	932484
valina (Schaus) [Celiptera]	930941	verrilliana Grote [Catocala]	930838
valliscola A. Blanchard [Acronicta]	931457	verruca (Fabricius) [Argyrogramma]	931166
vallus (Smith) [Euxoa]	933331	versicolor (Grote) [Elaphria]	932228
valta Schaus [Pentobesa]	930132	<i>versuta (Smith) [Mniotype]</i>	932705
vancouverensis Grote [Agrotis]	933517	versuta Harvey [Pseudorgyia]	930647
vanduzeei (Barnes & Benjamin) [Egira]	932790	versutus (H. Edwards) [Tripudia]	931269, N206
vanduzeei (Barnes) [Lithophane]	932563	verticalis Lafontaine & Troubridge [Dodia]	930340
varia (Barnes & Lindsey) [Meganola]	931127	vestalis Packard [Spilosoma]	930312
varia Walker [Heterocampa]	930074	vetusta (Walker) [Agrotis]	933506
variabilis (Barnes & McDunnough) [Protorthodes]	933117	vetusta (Walker) [Euxoa]	933343
variabilis (Grote) [Dichagyris]	933251, N607	vetusta Boisduval [Orgyia]	930161
variabilis (Smith) [Egira]	932787	vetustalis Guenée [Hypena]	930578, N51
variabilis Barnes & McDunnough [Leucocnemis]	931621	vexata Franclemont [Pseudanarta]	932743
variabilis Druce [Hypena]	930577	viatica (Grote) [Metaxaglaea]	932598
<i>variana (Morrison) [Hypocoena]</i>	932426, N474	vicina (Grote) [Lacinipolia]	933040
variata (Grote) [Abagrotis]	933678	victoria (Grote) [Lygephila]	930753, N105
variegata Barnes & McDunnough [Homoglaea]	932525	<i>victrix (Dyar) [Cobubatha]</i>	931276
variolata (Smith) [Hadena]	932910, N552	videns (Guenée) [Condica]	931989, N346
varix Knudson Bordelon & Pogue [Schinia]	932124	vidua (J.E. Smith) [Catocala]	930782
vauorbicularis (Smith) ["Orthodes"]	933144, N591	vilhelmina (Dyar) ["Araeopteron"]	930656, N78
vauriae McElvare [Grotella]	931715	villificans (Barnes & McDunnough) [Hyperstrotia]	930730
vecors (Guenée) [Condica]	931995	villosa (Grote) [Schinia]	932104
vecors (Guenée) [Pseudorthodes]	933128	vinculum (Guenée) [Ptichodis]	930931
vega (Smith) [Hypena]	930574	vindemialis (Guenée) [Sideridis]	932901
velaris (Grote) [Schinia]	932179	vinnula (Grote) [Acronicta]	931442
velata (Walker) [Loscopia]	932358, N452	vinulenta (Grote) [Eupsilia]	932587
velicava Lafontaine [Spaelotis]	933558	violacea (Grote) ["Oligia"]	932380
velleripennis (Grote) [Euxoa]	933411	violacea Schweitzer [Metaxaglaea]	932601
<i>velutina B. &amp; McDunnough [Schinia]</i>	932153	violaris (Grote & Robinson) [Euxoa]	933422
venatus Smith [Lythrodus]	931601	violenta H. Edwards [Catocala]	930839
venerabilis Walker [Agrotis]	933516	Virbia	930294
venosa (Smith) [Resapamea]	932366	virescens (Fabricius) [Heliothis]	932054
venosa Walker [Ctenucha]	930433	virginalis (Boisduval) [Platyprepia]	930289
venosata Walker [Biturix]	930395	virginalis (Grote) [Ponometia]	931312
ventralis Barnes & Lindsey [Gnamptonychia]	930231	virginarius (Grote) [Panthea]	931399, N241
venus Neumögen [Hyparpax]	930116	virginica (Esper) [Ctenucha]	930435
venusta Walker [Plusia]	931235	virginica (Fabricius) [Spilosoma]	930316
venustula (Walker) [Ponometia]	931311	virgo (Linnaeus) [Grammia]	930244
verbascoides (Guenée) [Apamea]	932294	virgula (Grote) [Pseudorthodes]	933134
verberata (Smith) [Sunira]	932618	<i>virguncula (Smith) [Resapamea]</i>	932368
<i>verecunda Hulst [Catocala]</i>	930802, N110	virguncula (W. Kirby) [Grammia]	930247
		virida Barnes & McDunnough [Azenia]	931727

viridans (Guenée) [Zale]	931018	wirima Hardwick [Euxoa - ssp.]	933423, N627
viridata (Harvey) [Bryolymnia]	932247, N413	wittfeldii H. Edwards [Alypia]	931980
Viridemas	931571	wockei (Möschler) [Xestia]	933590, N654
viridescens (Barnes & McDunnough) [Paratrachea]	931569, N283	woodi Lafontaine & Kononenko [Xestia]	933616
viridifera (Grote) [Oslaria]	931575	woodiana (Lafontaine) [Feltia]	933490
viridifera McDunnough [Lacinipolia]	933072	wrightii (Stretch) [Cisseps]	930442
viridimedia (Smith) [Bryolymnia]	932240	wrightii H. Edwards [Gluphisia]	930020
viridipallens Grote [Lithophane]	932552	wyatti (Barnes & Benjamin) [Psammopolia]	933012
viridipallida Barnes & McDunnough [Ipimorpha]	932678	wymola (Barnes) [Litodonta]	930062
viridis Druce [Antichloris]	N692	Xanthia	932622
viridisigma (Grote) [Syngnatha]	931213	xanthioides Guenée [Perigea]	931986
viridisparsa Dod [Copablepharon]	933289	xanthographa ([Denis & Schiffermüller]) [Xestia]	933571
viriditincta (Smith) [Sympistis]	931810	Xanthopastis	933210
vitrea (Grote) [Redectis]	930555	Xanthothrix	931670
vitrina (Walker) [Catabenoides]	931767, N310	xasta Barnes & McDunnough [Euxoa]	933403
vittata (Fabricius) [Apantesis]	930279	Xerociris	931963
vittata (Walker) [Psilopleura]	930452	Xestia	933571
vittifrons (Grote) [Abagrotis]	933655	ximena (Barnes & Benjamin) [Hydraecia]	932462
vittula (Grote) [Lacinipolia]	933028	Xylena	932519
vivianae Sala [Annaphila]	931743	xylia Guenée [Letis]	930757, N108
vivida (Dyar) [Lithophane]	932549, N489	xylinoides (Guenée) [Hyppa]	932664, N498
vivida Schmidt [Grammia - ssp.]	930258	xyloides Mikkola & Lafontaine [Apamea]	932306
vocalis (Grote) [Setagrotis]	933634	Xylomoia	932416
volubilis Harvey [Agrotis]	933521	Xylotype	932700
volucris (Grote) [Toxonprucha]	930998	Xystopeplus	932596
volupia (Fitch) [Schinia]	932139	yakima (Smith) [Scotogramma]	932856
vulgaris (Grote & Robinson) [Apamea]	932297	yarrowii (Stretch) [Pararctia]	930286
vulnerea (Grote) [Pseudohadena]	932690	yavapai Schmidt [Grammia]	930267
vulnifica (Grote) [Bellura]	932514, N484	ydatodes Dyar [Afrida]	931158
vulpina Guenée [Acronicta]	931427, N253	yosemitae (Grote) [Fishia]	932693, N510
vultuosa (Grote) [Apamea]	932303	youngi (McDunnough) [Sympistis]	931898
walshi Lafontaine [Apamea]	932334	youngii (Smith) [Xestia]	933586, N652
walshi Metlevski [Drasteria]	930904	yukona (McDunnough) [Xestia - ssp.]	933600
walsinghami (H. Edwards) [Schinia]	932154, N379	yukona Lafontaine [Lasionycta - ssp.]	932995
Walterella	931604	yukona Schmidt [Grammia]	930259
watsoni Richards [Arugisa]	930635	yukonensis (Hampson) [Mythimna]	932934
wellsi Johnson [Catocala]	930821, N117	yukonensis Lafontaine [Euxoa - ssp.]	933464
westermanni (Staudinger) [Euxoa]	933323	zacualpana (Draudt) [Symmerista]	930131
whitesandsensis Metzler & Forbes [Protogygia]	933304	Zagorista	N100
whitneyi Dodge [Catocala]	930829	Zale	931016
wikeri Quinter & Lafontaine [Apamea]	932298	Zaleops	931004
williamsii (Dodge) [Grammia]	930264	Zanclognatha	930489
wilsonensis (Hill) [Sympistis]	931788	zapata (Schaus) [Praeschausia]	930094
wilsoni (Grote) [Euxoa]	933486	zayasi (Torre & Alayo) [Heterocampa]	930089
wilsoni Barnes & Benjamin [Sympistis]	931928	zea (Boddie) [Helicoverpa]	932045
wilsonii (Grote) [Xerociris]	931963	zeae (Harris) [Achatodes]	932444
		Zelicodes	930600

zella (Dyar) [Euchaetes]	930406	zoe Behr [Catocala - ssp.]	930792
<i>zemblica</i> (Hampson) [ <i>Lasionycta</i> ]	932992	Zosteropoda	933163
zenobia (Cramer) [Thysania]	930758	Zotheca	932673
zeta (Treitschke) [Apamea]	932351, N442	Zunacetha	930139
zethus (Druce) [Theroa]	930093	zuni (McElvare) [Schinia]	932079
zetterstedtii (Staudinger) [Sympistis - ssp.]	931931, N334	zuni Neumögen [Arachnis]	930331